DEC STD 012-4 Unified Numbering Code (UNC) - Software Numbering Conventions

DOCUMENT IDENTIFIER: A-DS-EL00012-04-0000 Rev M, 17-Aug-1992

ABSTRACT: This standard specifies the application of the Unified Numbering Code (UNC) for identification of software worldwide, including license, service, option and component part numbers assigned and controlled by the Chief Engineer's Office.

APPLICABILITY: This standard applies to all organizations within Digital using part identifiers to recognize the basic elements of products controlled and distributed by Digital worldwide.

STATUS: APPROVED 17-Aug-1992; use VTX SMC for current status.

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1 INTRODUCTION

Digital's software numbering structure was expanded in December 1987 to utilize the full 2-5-2 part number structure as defined in *DEC STD 012-0 Part Identification Standard*, Digital's unified part number standard, and in *DEC STD 065-0 Digital Standard Data Definitions - Policy and Requirements* for key data elements that are used across the Corporation. The limited (5-2) part numbering scheme that was used in the past appears under heading 21 and heading 23 of this document.

Please direct all feedback on this document to Standards and Methods Control, JOKUR::PROJECTS, where they will be integrated and brought to the DEC STD 012-4 Advisory Committee for review and resolution.

1.1 PURPOSE

The purpose of this standard is to establish the conventions for assigning Unified Numbering Code (UNC) part identifiers for software, including licenses, kits, services, and components controlled and distributed by Digital anywhere in the world.

Proper application of the part identifiers provides all organizations within Digital with a means of recognizing the basic elements of software.

1.2 SCOPE

Part identifier assignments for the Digital software business are standardized within this document by definition and control of the following areas.

- Numbering format and standard numbering nomenclature conventions assigned for use with:
  - Software and diagnostic products
  - Software and diagnostic licenses
  - Service components
  - Country components
- Definition of number assignment responsibilities

1.3 RESPONSIBILITIES

1.3.1 Advisory Committee and Ownership

There is an Advisory Committee for this section of DEC STD 012. June Davenport is the Chairperson for the Advisory Committee and is the standard owner.

The Chief Engineer's Office is functionally responsible for the Digital Unified Numbering System and for all sections of DEC STD 012.

DEC STD 012-4 Advisory Committee:

Bob Blaisdell	Software Product Services	MKO1-2
Cathy Cardoza	Project and Consulting Services	MRO3-1
June Davenport	Chief Engineer's Office	MLO4-2
Lorna DeLuco	Software Pricing Operations	ACO
Maurice Fitzgerald	European Product Group	GEO
Susan Earley	Application Project Services	OGO1-2
Deirdre McHugh	European Software Supply Business	ILO
Peggy Pearce	Corporate Business Practices Group	ZKO-1
Edwin Sapp	Digital Assisted Services	MKO1-2
Diana Taheri	Software Supply Business	WMO

See VTX ELF for location information.

1.3.2 Table Update Process

There is a formal process for updating the tables and charts contained within this document. Refer to Appendix A for more information.

1.3.3 QR- Part Block Requests

The process for requesting a part block within the QR- part class is defined in Appendix B.

1.3.4 Waivers

Requested waivers to this standard must follow the waiver process described in *DEC STD 066-2 Waivers to Digital Design Standards*.

1.3.5 Assignment of Part Numbers

Responsibility for the assignment of part numbers within the structure defined in this standard is identified in *DEC STD 012-2 Unified Numbering Code for Part Identifier Class Codes*.

1.4 DEFINITIONS

For the purpose of this standard the following definitions apply.

Illegal - shall never be used

Inactive - no longer being assigned, active parts still exist

Reserved - indicates a business requirement has been identified but not implemented

Retired - no longer being assigned, represented in products that have reached end-of-life; not supported nor maintained; not generally available for assignment

Unassigned - available for future use (and will be defined as required by the DEC STD 012-4 Advisory Committee, per the requirements specified in Appendix A - Table Update Process)

Variable - no tables exist that are consistent across geographies or systems. Information will be in the description or in local tables. In the absence of tables or a specified local plan the preferred sequence begins with A, B...Z, 2...9 eliminating the I, O, 0 and 1 due to possible ambiguity.

Variation - a code used to indicate parts that are related but different. In this standard, variations are used to assign specific part numbers to specific CPUs on existing tiers.

2 REQUIREMENTS

The use of the Unified Numbering Code described by this standard is required for all software (licenses, kits, services, and components) distributed by Digital anywhere in the world. All software uses the full 2-5-2.4 part identifier format defined in DEC STD 012-0, with the additional requirements specified by this standard. Refer to DEC STD 012-0 for more information.

2.1 PART IDENTIFIER STRUCTURE FOR SOFTWARE PART NUMBERS

Part numbers are in the form 2-5-2 (XX-XXXXX-XX); part identifiers are in the form 2-5-2.4 (XX-XXXXX-XX.XXXX). All fields may contain alphanumeric characters.

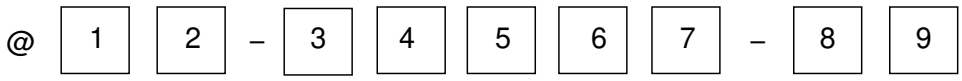
2.1.1 Part Identifier Definition

A part identifier is a specifically formatted string of characters that are required by DEC STD 012-0 to identify all parts, products, services, or literature that must be controlled within Digital Equipment Corporation and its subsidiaries.

3 PART NUMBER STRUCTURE (2-5-2)

NOTE

The @ sign is used to indicate the character position.



NOTE

Many software options appear to be a XXXXX-XX format (5-2 number), rather than a XX-XXXXX-XX format (2-5-2 number). These parts actually begin with space space.

3.1 PART CLASS

@ 1 and @ 2 - Part Class (XX-xxxxx-xx)

space-space = Option/finished goods (used in 5-2 formatted products)

Ax = Software Component Goods

Bx = Option or Component Goods

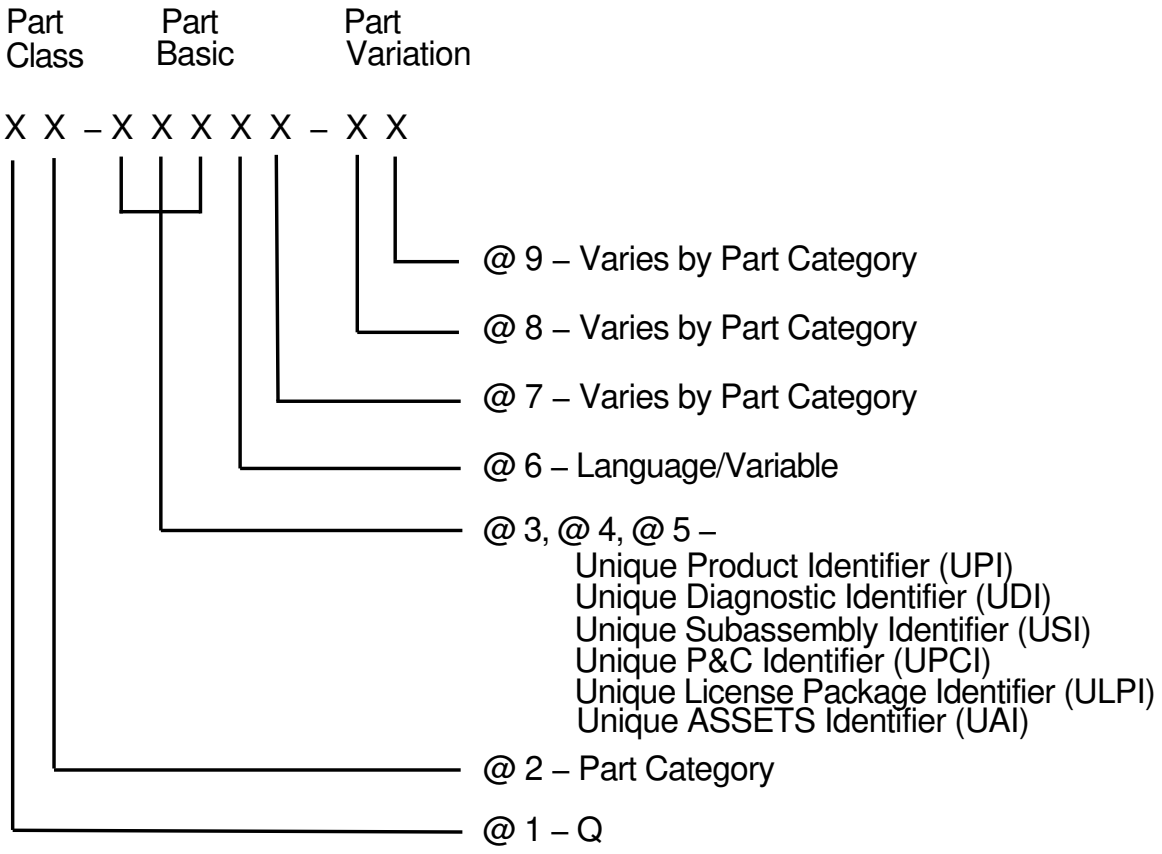
The above part classes are detailed in headings 21 through 23.

Qx = Option/Finished Goods (Software and Diagnostics: Licenses, Kits, Service and Documentation)

Zx = Reserved for Future Use (Refer to DEC STD 012-2)

3.2 2-5-2 CONVENTIONS FOR PART CLASS Qx (Excluding Part Class QR-)

This subhead describes the 2-5-2 conventions for part class Qx. For part class QR-, see the note following the table on the next page.


Part Class
Part Basic
Part Variation
X X – X X X X X – X X
@ 9 – Varies by Part Category
@ 8 – Varies by Part Category
@ 7 – Varies by Part Category
@ 6 – Language/Variable
@ 3, @ 4, @ 5 –
Unique Product Identifier (UPI)
Unique Diagnostic Identifier (UDI)
Unique Subassembly Identifier (USI)
Unique P&C Identifier (UPCI)
Unique License Package Identifier (ULPI)
Unique ASSETS Identifier (UAI)
@ 2 – Part Category
@ 1 – Q

Character Position:

1	2		345	6	7	8 9
Q	A	SW Doc Media	UPI	Language	Variable	Media Dependent
Q	B	Packaged Software	UPI	Variable	Variable	Package Dependent
Q	C	SW Subassembly	USI	Language	Variable	Media Dependent
Q	L	License	UPI	Language	License Dependent	License Dependent
Q	M	License	UPI	Language	License Dependent	License Dependent
Q	P	License Package	ULPI	Variable	Variable	Variable
Q	Q	Country Information	UPI	Language	Variable	ISO Country Code
Q	S	Service (P&C)	UPCI	Language	Variable	Service Dependent
Q	T	Service (SPS)	UPI	Language	Service Dependent	Service Dependent
Q	U	Service (SPS)	UPI	Language	Service Dependent	Service Dependent
Q	W	Service (CFSP)	UPI	Language	Processor Group	Service Dependent
Q	X	Diagnostic License	UDI	Language	Variable	License Dependent
Q	Y	Diagnostic Service	UDI	Language	Variable	Service Dependent
Q	Z	Diagnostic Doc Media	UDI	Language	Variable	Media Dependent
Q	2	ASSETS	UAI	Language	ASSETS Dependent	ASSETS Dependent
Q	3	ASSETS	UAI	Language	ASSETS Dependent	ASSETS Dependent

Note: The QR- Assigned Software Uses part class is an exception to defining positions 3, 4, and 5 as a unique identifier. Part class QR- defines positions 3 and 4 as an identifier for a block of parts and the remaining positions as variables.

3.3 Qx- PART CLASS DESCRIPTIONS

KITS - SOFTWARE DOCUMENTATION, MEDIA, AND OTHER SOFTWARE

QA-xxxxx-xx = Software Documentation, Media, and other Software Kits

These are manufactured physical items.

QC-xxxxx-xx = Software Subassembly

These are "internal" subassembly components. The purpose of these subassemblies is to permit base components, language components, and market components of products to be identified. Subassemblies can also appear in hardware packages where the subassembly is not sold independently.

QQ-xxxxx-xx = Country Information Packages (Warranty Statement, Service Statement)

These packages may be either a truly generic set of statements suitable for all countries (for example, generic warranty and general service statement), or a package designed for a particular country (for example, United States, Germany, or Japan).

QZ-xxxxx-xx = Diagnostic Documentation, Media, and Hardware Information Kits

These are manufactured physical items.

LICENSES

QL-xxxxx-xx = Licenses
QM-xxxxx-xx = Licenses

These are the licenses that provide the right to use the software products.

QP-xxxxx-xx = Packaged Licenses

These provide the capability of creating BOMs of licenses for groups of different products.

QX-xxxxx-xx = Diagnostic Licenses

These are the licenses that provide the right to use the diagnostic software products.

SERVICES

QS-xxxxx-xx = Project and Consulting Services

QT-xxxxx-xx = Software Product Services

QU-xxxxx-xx = Software Product Services

QW-xxxxx-xx = Cross-Functional Service Packages

Some combination of QA, QS, QT, QU, and EY.

QY-xxxxx-xx = Diagnostic Services

These represent the services associated with diagnostic software products.

PACKAGED SOFTWARE

QB-xxxxx-xx = Packaged Software

The QB- designation is designed to provide the capability of packaging software together (licenses and kits). The use of additional reference data is required to denote the QB components.

OTHER

QR-xxxxx-xx = Assigned Software Uses

The QR- designation is used to number miscellaneous software entities that are not appropriately numbered in other more structured part classes and which do not need the greater capacity of a dedicated part class.

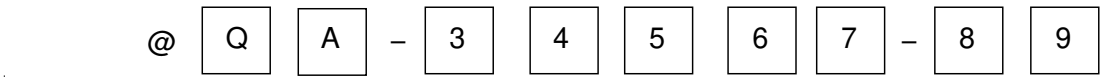
Q2-xxxxx-xx and Q3-xxxxx-xx = ASSETS: License, Media & Documentation, SPS, and Reusable Solutions

The Q2- and Q3- designations are used to number the components of ASSETS (license, media & documentation, and Software Product Services - SPS) and to provide the capability of packaging these components together.

3.4 PART CATEGORY - @ 2

A = Software Documentation and Media
B = Packaged Software
C = Software Subassembly, not orderable
D = (unassigned)
E = (unassigned)
F = (unassigned)
G = (unassigned)
H = (unassigned)
I = (illegal)
J = (unassigned)
K = (unassigned)
L = Licenses
M = Licenses
N = (unassigned)
O = (illegal)
P = Packaged Licenses
Q = Country Information Packages (Warranty Statement, License Certificate, Service Statements)
R = Assigned Software Uses
S = Project and Consulting Services
T = Software Product Services (SPS)
U = Software Product Services
V = (unassigned)
W = Cross-Functional Service Packages
X = Diagnostic Licenses
Y = Diagnostic Services
Z = Diagnostic Documentation, Media, and Hardware Information Kits
0 = (illegal)
1 = (illegal)
2 = ASSETS: License, Media & Documentation, SPS, and Reusable Solutions
3 = ASSETS: License, Media & Documentation, SPS, and Reusable Solutions
4 = (unassigned)
5 = (unassigned)
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

4 QA-xxxxx-xx SOFTWARE DOCUMENTATION, MEDIA, AND OTHER SOFTWARE KITS



@ 3 - UNIQUE PRODUCT IDENTIFIER POSITION 1

@ 4 - UNIQUE PRODUCT IDENTIFIER POSITION 2

@ 5 - UNIQUE PRODUCT IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

NOTE

This identifier field should reflect language-based product variations and may indicate style associated with certain market requirements (for example, use of "whilst" in UK versus the use of "while" in the U.S.). It should not be used to indicate country of destination. Refer to subhead 4.1 for specific codes, and subhead 10.1 for country information codes.

@ 7 - VARIABLE - Beginning with A; will be incremented when necessary to reflect changes in component composition

@ 8 - MEDIA CONTENTS FIELD (Refer to subhead 4.2 for specific code)

@ 9 - PHYSICAL MEDIA TYPE (Refer to subhead 4.3 for specific code)

NOTE

Refer to Appendix E for an example of the application of the QA part class.

4.1 QA- LANGUAGE CODES

Field @ 6 is to be used as the language identifier. Note that there are country variations of a language, but this section identifies languages and NOT countries.

The following two tables represent the languages in which Digital markets, or plans to market, software and diagnostic products.

To reference a language code in Table 2, there are two methods:

1. If no differentiation by language is required for the license, then the variable field, where available, such as in the QA- structure, will be used to indicate the language table (for example, QA-*UPI*LA-xx and QA-*UPI*LB-xx).
2. Where differentiation is required for the license or where there is no variable field available within the part number structure, different UPIs will be used to indicate the different language tables.

Explanation of symbols used in subheads 4.1.1 and 4.1.2
These tables indicate the English name of the language when it exists. The name of the country is shown in square brackets, and the native language term for that country's language is shown in parentheses.

4.1.1 QA- Language Table 1

A = English (North American)
B = Flemish (Vlaams)
C = French Canadian (Français Canadien) (Inactive)
D = Danish (Dansk)
E = English (British/Irish)
F = Finnish (Suomi)
G = German (Deutsch)
H = Dutch (Nederlands)
I = (illegal)
J = Japanese (Nihongo)
K = Swiss French (Français - Suisse Romande)
L = Swiss German (Deutsch - Schweiz)
M = Swedish (Svenska)
N = Norwegian (Nynorsk)
O = (illegal)
P = French (Français)
Q = Arabic (’Arabi)
R = Spanish-Latin (Español-Latino)
S = Spanish (Español)
T = Hebrew (Iwrith)
U = Italian (Italiano)
V = Portuguese (Português)
W = (unassigned)
X = (unassigned)
Y = Icelandic (Islenzk)
Z = Greek (Ellinika)
0 = (illegal)
1 = (illegal)
2 = Simplified Chinese (Hanzi) [PRC]
3 = Traditional Chinese (Hanyu) [Taiwan, ROC]
4 = Korean (Hangul)
5 = Thai [Thailand]
6 = Turkish (Türkçe)
7 = (unassigned)
8 = Multilingual (two or more languages grouped together)
9 = Language Neutral (no associated language - symbols, icons, and the like)

4.1.2 QA- Language Table 2

A = (unassigned)
B = (unassigned)
C = Reserved for Filipino (Tagalog)
D = Reserved for Indonesian (Bahasa)
E = Reserved for Malaysian (Malay)
F = Reserved for Tamil [Singapore]
G = (unassigned)
H = Reserved for Hindi [India]
I = (illegal)
J = (unassigned)
K = (unassigned)
L = (unassigned)
M = (unassigned)
N = (unassigned)
O = (illegal)
P = (unassigned)
Q = (unassigned)
R = Reserved for Urdu [Pakistan]
S = Slovak (Slovensky)
T = (unassigned)
U = Hungarian (Magyar)
V = Czech (Cesky)
W = Reserved for Polish (Polski)
X = Russian (Russkij)
Y = Reserved for Yugoslavian
Z = (unassigned)
0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = (unassigned)
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

NOTE

There are requirements for differences that relate to presentation and font issues rather than strictly language. These differences are, however, regional/country in nature. Accommodations for Naskh, Yaqout, Badr and others have not been made.

4.2 QA- MEDIA CONTENTS FIELD - @ 8

A = Multiple Binaries (@ 9 - Refer to subhead 4.3 - Physical Media Type - Chart A)
B = Manufacturing Subassemblies (@ 9 - Refer to subhead 4.3 - Physical Media Type - Chart A)
C = Sources or Listings (@ 9 - Refer to subhead 4.3 - Physical Media Type - Chart A)
D = Source Listings (@ 9 - Refer to subhead 4.3 - Physical Media Type - Chart A) (Inactive)
E = (unassigned)
F = (unassigned)
G = Documentation (@ 9 - Refer to subhead 4.3 - Physical Media Type - Chart A)
H = Licensed Binaries and Documentation (@ 9 - Refer to subhead 4.3 - Physical Media Type - Chart A)
I = (illegal)
J = (unassigned)
K = Binary Only Update (@ 9 - Refer to subhead 4.3 - Physical Media Type - Chart A)
L = Sources or Listings Update (@ 9 - Refer to subhead 4.3 - Physical Media Type - Chart A)
M = (unassigned)
N = Sources and Documentation Update or Sources, Binaries, and Documentation Update (@ 9 - Refer to subhead 4.3 - Physical Media Type - Chart A)(Inactive)
O = (illegal)
P = Dispatch Kit (@ 9 = "Z")
Q = (unassigned)
R = (unassigned)
S = (unassigned)
T = Supplementary Kit (@ 9 - Refer to subhead 4.3 - Physical Media Type - Chart A)
U = Binaries and/or Documentation Upgrade (@ 9 - Refer to subhead 4.3 - Physical Media Type - Chart A)
V = (unassigned)
W = Binaries and Documentation Update or Documentation Update (@ 9 - Refer to subhead 4.3 - Physical Media Type - Chart A)
X = (unassigned)
Y = (unassigned)
Z = (unassigned)
0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = (unassigned)
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

NOTE

A chart convention is being used here. When all assignments have been made in @ 9 Chart A, against the @ 8 Media Contents Field, @ 8 categories will be duplicated in subsequent letters in the table that will reference @ 9 Chart B, with new media to be developed.

4.3 QA- PHYSICAL MEDIA TYPE - @ 9

Chart A

A	=	6250 BPI 9-Track Magtape	
B	=	3.5 Inch Diskette, Double Density (3.5 DK/RX24)	! Previously Papertape
C	=	3.5 Inch Diskette, High Density (3.5 DK/RX23)	! Previously DECtape
D	=	800 BPI 9-Track Magtape (NRZI)	
E	=	(unassigned)	! Previously RK05 Disk Cartridge
F	=	(unassigned)	! Previously 7-Track Magtape
G	=	TU58 DECtape II Cartridge	
H	=	RL02 Disk Cartridge	
I	=	5.25 Inch Diskette, Single Density, Double Sided (5.25 DK/RX31)	
J	=	RA60 Disk Cartridge	
K	=	(unassigned)	! Previously RP04 Disk Pack
L	=	(unassigned)	! Previously RP06 Disk Pack
M	=	1600 BPI 9-Track Magtape (PE)	
N	=	(unassigned)	! Previously TU60 Cassette
O	=	(illegal)	
P	=	Cassette Tape	
Q	=	(unassigned)	! Previously RL01 Disk Cartridge
R	=	Microfiche	
S	=	Software/Firmware Hardware Module	! Previously ROM Chip
T	=	(unassigned)	! Previously RK06 Disk Cartridge
U	=	(unassigned)	
V	=	RK07 Disk Cartridge	
W	=	Multimedia Distribution	
X	=	(unassigned)	! Previously RX02 Double Density Diskette
Y	=	RX01 Floppy Diskette	
Z	=	Paper	
0	=	(illegal)	
1	=	(illegal)	
2	=	(unassigned)	! Previously RX18 Floppy Diskette
3	=	5.25 Inch Diskette, Single Density, Single Sided (5.25 DK/RX50)	
4	=	RC25 Disk Cartridge (Inactive)	
5	=	TK50 Cartridge	
6	=	TK25 Cartridge (inactive)	
7	=	5.25 Inch Diskette, Double Density, Double Sided (5.25 DK/RX33)	
8	=	Compact Disk	
9	=	No media dependency	

Codes in this table are assigned according to a business requirement. Some codes are deliberately generic (for example, P = Cassette Tape).

For those @ 9 media codes that represent a family of media types, the @ 7 variable position and the 29 character description are used together to differentiate the specific media types.

For example:

Part Number	29 Character Position	Decoded Description
QA-ABCAA-HP	ABC Product V/V QIC Kit	Media and Documentation Kit for ABC Product VAX/VMS on QIC Tape Media
QA-ABCAB-HP	ABC Product V/V DAT Kit	Media and Documentation Kit for ABC Product VAX/VMS on DAT Tape Media
QA-ABCAC-HP	ABC Product V/V CT Kit	Media and Documentation Kit for ABC Product VAX/VMS on Traditional Cassette Tape Media

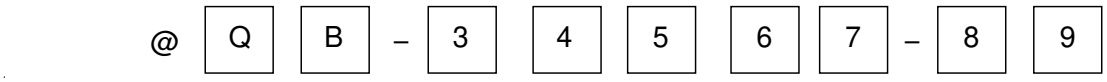
See the note in heading 24 for information where to obtain the latest tables for system and diagnostic software descriptions. Also see subhead 24.4 for abbreviations.

4.4 QA- PHYSICAL MEDIA TYPE - @ 9

Chart B

Reserved for future expansion

5 QB-xxxxx-xx PACKAGED SOFTWARE COMPONENTS



@ 3 - UNIQUE PRODUCT IDENTIFIER POSITION 1

@ 4 - UNIQUE PRODUCT IDENTIFIER POSITION 2

@ 5 - UNIQUE PRODUCT IDENTIFIER POSITION 3

@ 6 - VARIABLE

@ 7 - VARIES BY @ 8 (Refer to descriptors in subhead 5.1 for @ 7 operatives)

@ 8 - PACKAGE TYPE (Refer to subhead 5.1 for specific code)

@ 9 - VARIES BY @ 8 (Refer to descriptors in subhead 5.1 for @ 9 references)

NOTE

Refer to Appendix E for an example of the application of the QB part class.

5.1 QB- PACKAGE TYPE - @ 8

A = License and Kit
- – @ 7 = Variable
- – @ 9 = Variable

B = License and Service
- – @ 7 = Variable
- – @ 9 = Variable

C = License (Third Party), Kit, and Service
- – @ 7 = Variable
- – @ 9 = Variable

D = License, Kit, and Service
- – @ 7 = Variable
- – @ 9 = Variable

E = Source License and Sources or Listings Kit
- – @ 7 = Refer to subhead 5.2 QB- Source Package Contents - Chart A,
- – @ 9 = Refer to subhead 4.3 Physical Media Type - Chart A

F = (unassigned)

G = (unassigned)

H = (unassigned)

I = (illegal)

J = (unassigned)

K = (unassigned)

L = (unassigned)

M = (unassigned)

N = (unassigned)

O = (illegal)

P = (unassigned)

Q = (unassigned)

R = (unassigned)

S = Shrinkwrap License (Digital) and Kit
- – @ 7 = Variable
- – @ 9 = Variable

T = License (Digital) and Kit (Third Party) (Inactive)
- – @ 7 = Variable
- – @ 9 - Refer to subhead 4.3 Physical Media Type - Chart A

U = Location-Use Source License, and Source Listings (Inactive)
- – @ 7 = Variable
- – @ 9 = Refer to subhead 4.3 Physical Media Type - Chart A

V = License (Digital) and Kit (Third Party) (Inactive)
- – @ 7 = Variable
- – @ 9 = Variable

W = License (Third Party) and Kit (Third Party)
- – @ 7 = Variable
- – @ 9 = Variable

X = (unassigned)

Y = Single-Use Source License, Documentation, and Sources (sometimes with binaries) (Inactive)
- – @ 7 = Variable
- – @ 9 = Refer to subhead 4.3 Physical Media Type - Chart A

Z = Location-Use Source License, and Sources (Inactive)
- @ 7 = Variable
- @ 9 = Refer to subhead 4.3 Physical Media Type - Chart A

0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = (unassigned)
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

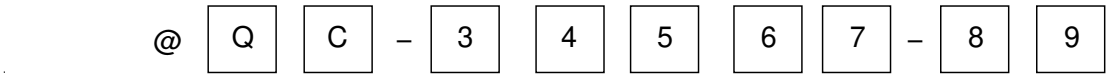
5.2 QB- SOURCE PACKAGE CONTENTS - @ 7

Chart A

A = Location-Use Source License and Sources Kit
B = Location-Use Source License and Listings Kit
C = Single-Use Source and Binary License and Sources Kit
D = Single-Use Source and Binary License and Listings Kit
E = Location-Use Source License and Sources Update Kit
F = (unassigned)
G = (unassigned)
H = (unassigned)
I = (illegal)
J = (unassigned)
K = (unassigned)
L = (unassigned)
M = (unassigned)
N = (unassigned)
O = (illegal)
P = (unassigned)
Q = (unassigned)
R = (unassigned)
S = (unassigned)
T = (unassigned)
U = (unassigned)
V = (unassigned)
W = (unassigned)
X = (unassigned)
Y = (unassigned)
Z = (unassigned)
0 = (illegal)
1 = (illegal)

2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = (unassigned)
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

6 QC-xxxxx-xx - SOFTWARE SUBASSEMBLIES



@ 3 - UNIQUE SUBASSEMBLY IDENTIFIER POSITION 1

@ 4 - UNIQUE SUBASSEMBLY IDENTIFIER POSITION 2

@ 5 - UNIQUE SUBASSEMBLY IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

NOTE

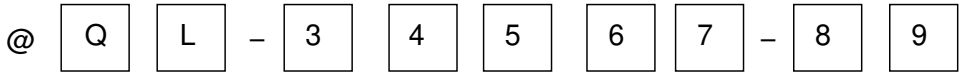
This identifier field should reflect language-based product variations and may indicate style associated with certain market requirements. It should not be used to indicate country of destination.

@ 7 - VARIABLE - Beginning with A; will be incremented when necessary to reflect changes in component composition

@ 8 - MEDIA CONTENTS FIELD (Refer to subhead 4.2 for specific code)

@ 9 - PHYSICAL MEDIA TYPE (Refer to subhead 4.3 for specific code)

7 QL-xxxxx-xx - LICENSE



@ 3 - UNIQUE PRODUCT IDENTIFIER POSITION 1

@ 4 - UNIQUE PRODUCT IDENTIFIER POSITION 2

@ 5 - UNIQUE PRODUCT IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - VARIES BY @ 8 (Refer to descriptors in subhead 7.3 for @ 7 operatives)

@ 8 - LICENSE TYPE (Refer to subhead 7.3 for specific code)

@ 9 - VARIES BY @ 8 (Refer to descriptors in subhead 7.3 for @ 9 operatives)

NOTE

Refer to Appendix E for examples of the application of the QL part class.

7.1 QL- PROCESSOR TIER AND PROCESSOR TIER INDEX TABLES - @ 7, @ 9

Codes A through Z (excluding "I" and "O"), and 2 through 9 are legal codes for Processor Tier and Processor Tier Index Tables. Processor Tier Index modifies Processor Tier to identify specific processors on the corresponding tier.

Field @ 7 is to be used as a Processor Tier identifier. Field @ 9 is to be used for the Processor Tier Index Code if required.

The following list represent the Processor Tiers for the hardware platforms on which Digital markets or plans to market software products.

UPIs and UAIs will be used to differentiate the software product licenses on each hardware platform.

- QL - Processor Tier and Processor Tier Index Tables - VAX @ 7, @ 9
- QL - Processor Tier and Processor Tier Index Tables - ALPHA @ 7, @ 9
- QL - Processor Tier and Processor Tier Index Tables - DECstation and DECsystem @ 7, @ 9
- QL - Processor Tier and Processor Tier Index Tables - HP 9000 @ 7, @ 9
- QL - Processor Tier and Processor Tier Index Tables - Sun @ 7, @ 9

NOTE

To determine which codes are assigned and for updated copies of the Processor Tier Tables and Index assignments, contact Lorna DeLuco, ENET: FDCV07::DELUCO.

7.2 QL- PLATFORM IDENTIFIER - @ 7

Codes A through Z (excluding "I" and "O"), and 2 through 9 are legal platform identifier codes.

NOTE

To have a platform identifier code assigned, to determine which codes are assigned, and for updated copies of the Platform Identifier definitions currently assigned, contact Lorna DeLuco, ENET: FDCV07::DELUCO.

7.3 QL- LICENSE TYPES - @ 8

A = Binary, Paid-up License with Warranty - Traditional
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = Standalone/Member - Chart A (Refer to subhead 7.4)

B = Binary, Paid-up License with Warranty - Operating System User License
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = Number of Users per License - Chart B (Refer to subhead 7.5)

C = Binary, Periodic Payment License - Initial Fee, Traditional (Inactive)
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = Standalone/Member - Chart A (Refer to subhead 7.4)

D = Binary, Periodic Payment License Monthly Fee with Warranty - Traditional (Inactive)
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = Standalone/Member - Chart A (Refer to subhead 7.4)

E = Binary, Periodic Payment License Monthly Fee with Warranty - Operating System User License (Inactive)
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = Number of Users per License - Chart B (Refer to subhead 7.5)

F = Binary, License without Warranty - Traditional (Inactive)
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = Standalone/Member - Chart A (Refer to subhead 7.4)

G = In-Cabinet Upgrade License for Relicenseable Software
- – @ 7 = Variable
- – @ 9 = Variable

H = One-Time Right-to-Copy Update (Inactive)
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = "Z" (paper)

I = (illegal)

J = Binary, Paid-up License with Warranty - ClusterWide
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = License Rating Table - Chart C (Refer to subhead 7.6)

K = Development License
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = Variable

L = Software Loan License
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = License Duration Table - Chart D (Refer to subhead 7.7)

M = Binary, Periodic Payment License - Initial Fee, User Based (Inactive)
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = Number of Users per License - Chart B (Refer to subhead 7.5)

N = Campuswide Software License
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = License Rating Table - Chart C (Refer to subhead 7.6)

O = (illegal)

P = Binary, Paid-up License with Warranty - User/Activity, Layered Product Specific (Inactive)
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = Number of Users per License - Chart B (Refer to subhead 7.5)

Q = Personal License (Inactive)
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = Number of Users per License - Chart B (Refer to subhead 7.5)

R = Traditional Update License
- @ 7 = Processor Tier (Refer to subhead 7.1)
- @ 9 = Standalone/Member - Chart A (Refer to subhead 7.4)

S = ClusterWide Update License
- @ 7 = Processor Tier (Refer to subhead 7.1)
- @ 9 = License Rating Table - Chart C (Refer to subhead 7.6)

T = In-Cabinet User Upgrade License for Relicenseable Software
- @ 7 = Variable
- @ 9 = Variable

U = Binary, Paid-up License with Warranty ClusterWide License Upgrade (Inactive)
- @ 7 = Processor Tier (Refer to subhead 7.1)
- @ 9 = License Rating Table - Chart C (Refer to subhead 7.6)

V = OEM Application Deployment Operating System Migration to Operating System User License (Inactive)
- @ 7 = Processor Tier (Refer to subhead 7.1)
- @ 9 = Number of Users per License - Chart B (Refer to subhead 7.5)

W = OEM Application Deployment Operating System License With Warranty (Inactive)
- @ 7 = Processor Tier (Refer to subhead 7.1)
- @ 9 = Number of Users per License - Chart B (Refer to subhead 7.5)

X = OEM Application Deployment Operating System Update License
- @ 7 = Processor Tier (Refer to subhead 7.1)
- @ 9 = Number of Users per License - Chart B (Refer to subhead 7.5)

Y = Update License for Operating System User, Personal, or User-Activity License
- @ 7 = Processor Tier (Refer to subhead 7.1)
- @ 9 = Number of Users per License - Chart B (Refer to subhead 7.5)

Z = VMS Deployed Application Account License
- @ 7 = Processor Tier (Refer to subhead 7.1)
- @ 9 = Processor Tier Index (Refer to subhead 7.1)

0 = (illegal)

1 = (illegal)

2 = Personal Use License
- @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- @ 9 = "B" (1 User)

3 = Concurrent Use License
- @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- @ 9 = "B" (1 User)

4 = Personal Use Update License
- @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- @ 9 = "B" (1 User)

5 = Concurrent Use Update License
- @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- @ 9 = "B" (1 User)

6 = Binary, Paid-up System License - Traditional
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = Processor Tier Index (Refer to subhead 7.1)

7 = System Update License
- – @ 7 = Processor Tier (Refer to subhead 7.1)
- – @ 9 = Processor Tier Index (Refer to subhead 7.1)

8 = Trade Up To Personal Use License
- – @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- – @ 9 = "B" (1 User)

9 = Trade Up To Concurrent Use License
- – @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- – @ 9 = "B" (1 User)

7.4 QL- STANDALONE/MEMBER - @ 9

Chart A

A	=	Standalone
B	=	Cluster Member (Inactive)
C	=	4-pack (4 licenses sold together) (Inactive)
D	=	8-pack (8 licenses sold together)
E	=	16-pack (16 licenses sold together)
F	=	32-pack (32 licenses sold together)
G	=	64-pack (64 licenses sold together)
H	=	96-pack (96 licenses sold together) (Inactive)
I	=	(illegal)
J	=	128-pack (128 licenses sold together)
K	=	192-pack (192 licenses sold together) (Inactive)
L	=	500-pack (500 licenses sold together)
M	=	1000-pack (1000 licenses sold together) (Inactive)
N	=	Variation
O	=	(illegal)
P	=	5-pack (5 licenses sold together) (Inactive)
Q	=	10-pack (10 licenses sold together) (Inactive)
R	=	20-pack (20 licenses sold together) (Inactive)
S	=	30-pack (30 licenses sold together) (Inactive)
T	=	40-pack (40 licenses sold together) (Inactive)
U	=	50-pack (50 licenses sold together) (Inactive)
V	=	Variation
W	=	Variation
X	=	Variation
Y	=	Variation
Z	=	Variation
0	=	(illegal)
1	=	(illegal)
2	=	Variation
3	=	Variation
4	=	Variation
5	=	Variation
6	=	Variation
7	=	Variation
8	=	Variation
9	=	(unassigned)

NOTE

Codes defined as *variation* are used to assign specific part numbers to specific CPUs on existing tiers.

7.5 QL- NUMBER OF USERS PER LICENSE - @ 9

Chart B

A = 0 Users
B = 1 User
C = 2 Users
D = 4 Users
E = 8 Users
F = 16 Users
G = 32 Users
H = 64 Users
I = (illegal)
J = 20 Users
K = 40 Users
L = 10 Users
M = 5 Users
N = 30 Users
O = (illegal)
P = 15 Users
Q = 3 Users (Inactive)
R = Non standard number of users, @ 7 = Variable and will be incremented beginning with A to indicate numbers of users not otherwise indicated within the Number of Users Chart B.
S = 17-32 User License Upgrade
T = 33-64 User License Upgrade
U = 11-15 User License Upgrade
V = 16-Unlimited User License Upgrade
W = 6-10 User License Upgrade
X = 21-30 User License Upgrade
Y = 31-Unlimited User License Upgrade
Z = Unlimited Users
0 = (illegal)
1 = (illegal)
2 = 11-20 User License Upgrade
3 = 21-40 User License Upgrade
4 = 41-Unlimited User License Upgrade
5 = 3-8 User License Upgrade
6 = 9-16 User License Upgrade
7 = 17-Unlimited User License Upgrade
8 = 5-8 User License Upgrade
9 = 65-Unlimited User License Upgrade

7.6 QL- LICENSE RATING TABLE - @ 9

Chart C

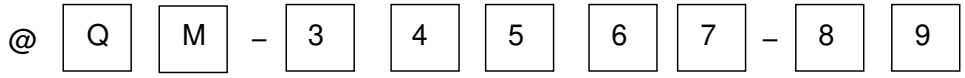
A	=	(unassigned)
B	=	License Rating of 10
C	=	License Rating of 20
D	=	License Rating of 50
E	=	License Rating of 100
F	=	License Rating of 200
G	=	License Rating of 300
H	=	License Rating of 400
I	=	(illegal)
J	=	License Rating of 600
K	=	License Rating of 900
L	=	License Rating of 1200
M	=	License Rating of 1800
N	=	License Rating of 2400
O	=	(illegal)
P	=	(unassigned)
Q	=	License Rating of 3600
R	=	(unassigned)
S	=	License Rating of 4800
T	=	License Rating of 6000
U	=	License Rating of 7200
V	=	License Rating of 9000
W	=	(unassigned)
X	=	(unassigned)
Y	=	(unassigned)
Z	=	(unassigned)
0	=	(illegal)
1	=	(illegal)
2	=	(unassigned)
3	=	(unassigned)
4	=	(unassigned)
5	=	(unassigned)
6	=	(unassigned)
7	=	(unassigned)
8	=	Incremental block of 5000 license units above maximum defined license rating. (Used by QT- and Q2-Part Classes for Software Product Services)
9	=	No License Rating Dependency

7.7 QL- LICENSE DURATION TABLE - @ 9

Chart D

A = 90 days
B = 30 days
C = 45 days
D = 60 days
E = 120 days
F = 150 days
G = 180 days
H = 1 year
I = (illegal)
J = (unassigned)
K = (unassigned)
L = (unassigned)
M = (unassigned)
N = (unassigned)
O = (illegal)
P = (unassigned)
Q = (unassigned)
R = (unassigned)
S = (unassigned)
T = (unassigned)
U = (unassigned)
V = (unassigned)
W = (unassigned)
X = (unassigned)
Y = (unassigned)
Z = (unassigned)
0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = (unassigned)
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

8 QM-xxxxx-xx - LICENSE



@ 3 - UNIQUE PRODUCT IDENTIFIER POSITION 1

@ 4 - UNIQUE PRODUCT IDENTIFIER POSITION 2

@ 5 - UNIQUE PRODUCT IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - VARIES BY @ 8 (Refer to descriptors in subhead 8.1 for @ 7 operatives)

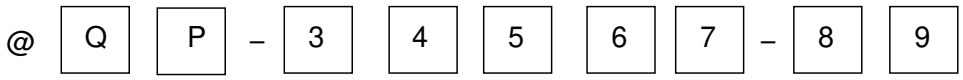
@ 8 - QM- LICENSE TYPE (Refer to subhead 8.1 for specific code)

@ 9 - VARIES BY @ 8 (Refer to descriptors in subhead 8.1 for @ 9 operatives)

8.1 QM- LICENSE TYPE - @ 8

To be developed

9 QP-xxxxx-xx - PACKAGED SOFTWARE LICENSES



@ 3 - UNIQUE LICENSE PACKAGE IDENTIFIER POSITION 1

@ 4 - UNIQUE LICENSE PACKAGE IDENTIFIER POSITION 2

@ 5 - UNIQUE LICENSE PACKAGE IDENTIFIER POSITION 3

@ 6 - VARIABLE

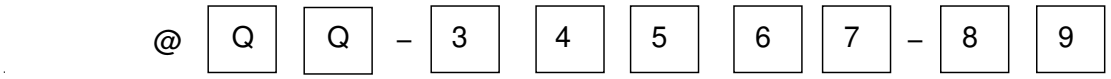
@ 7 - VARIABLE

@ 8, @ 9 - VARIABLE (Beginning with 01, 02, 03, ...99, AA.....)

NOTE

Refer to Appendix E for an example of the application of the QP part class.

10 QQ-xxxxx-xx - COUNTRY INFORMATION COMPONENTS



@ 3 - UNIQUE PRODUCT IDENTIFIER POSITION 1

@ 4 - UNIQUE PRODUCT IDENTIFIER POSITION 2

@ 5 - UNIQUE PRODUCT IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - VARIABLE - Beginning with A; will be incremented when necessary to reflect changes in component composition

@ 8 and @ 9 - COUNTRY CODE (Refer to subhead 10.1 for specific code)

10.1 QQ- COUNTRY CODE CHART

This chart contains the (alpha alpha) codes for end-user destination countries as defined in ISO 3166 *Codes for the Representation of Names of Countries*. Information designated by this part number is specific to the country of destination. For more information refer to EL-EN468-01, *Identifying and Packaging Country-Specific Information*.

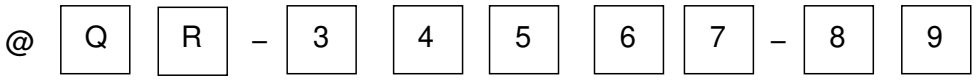
Numeric codes represent geographic groupings not covered in ISO 3166. When a "generic" country package is available, the code used worldwide is 99. If a country, for example, the United States, has additional country-specific information, only two codes will be necessary: US and 99.

@ 8 and @ 9 (Used together)

AU	=	Australia	JP	=	Japan
AT	=	Austria	KR	=	Republic of Korea
BE	=	Belgium	LU	=	Luxembourg
BN	=	Brunei	MA	=	Morocco
BR	=	Brazil	MY	=	Malaysia
CA	=	Canada	MX	=	Mexico
CH	=	Switzerland	NL	=	Netherlands
CN	=	People's Republic of China	NZ	=	New Zealand
CS	=	Czechoslovakia	NO	=	Norway
DE	=	Federal Republic of Germany	PH	=	Philippines
DK	=	Denmark	PL	=	Poland
DZ	=	Algeria	PR	=	Puerto Rico
EG	=	Egypt	PT	=	Portugal
ES	=	Spain	SA	=	Saudi Arabia
FI	=	Finland	SE	=	Sweden
FJ	=	Fiji	SG	=	Singapore
FR	=	France	SU	=	USSR
GB	=	United Kingdom	TH	=	Thailand
GR	=	Greece	TR	=	Turkey
HK	=	Hong Kong	TW	=	Taiwan, Republic of China
HU	=	Hungary	US	=	United States
ID	=	Indonesia	YU	=	Yugoslavia
IE	=	Ireland	00 through 95	=	(unassigned)
IL	=	Israel	96	=	South Pacific Region
IN	=	India	97	=	GID countries*
IS	=	Iceland	98	=	Europe
IT	=	Italy	99	=	Worldwide/Generic (except where other
JM	=	Jamaica			codes are specified)

* GID (General International District) countries are Antigua, Argentina, Bahamas, Barbados, Bermuda, Bolivia, Cayman Islands, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, Grand Cayman, Guatemala, Haiti, Honduras, Jamaica, Netherland Antilles, Panama, Paraguay, Peru, Sri Lanka, St. Kitts, St. Thomas, Tobago, Tortola, Trinidad, Uruguay, U.S. Virgin Islands, Venezuela.

11 QR-xxxxx-xx - ASSIGNED SOFTWARE USES



@ 3 - PART BLOCK IDENTIFIER POSITION 1

@ 4 - PART BLOCK IDENTIFIER POSITION 2

@ 5 - VARIES BY @ 3, @ 4 Part Block

@ 6 - VARIES BY @ 3, @ 4 Part Block

@ 7 - VARIES BY @ 3, @ 4 Part Block

@ 8 - VARIES BY @ 3, @ 4 Part Block

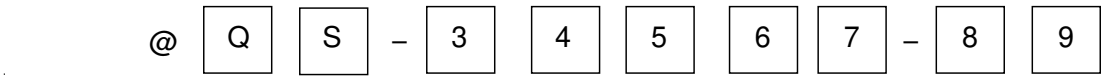
@ 9 - VARIES BY @ 3, @ 4 Part Block

NOTE

QR- Part Block Identifiers represent assigned partitions of the part class for differentiated software uses. Determination of applicability to business requirements and block assignment approval is managed by the DEC STD 012-4 Advisory Committee. QR- Part Block identifiers are assigned by SSB Configuration Control. See Appendix B for the QR- Part Block Approval Process. For information on part blocks that have been assigned for specific business requirements, contact June Davenport (IPOVAX::JDAVENPORT).

12 QS-xxxxx-xx - PROJECT AND CONSULTING SERVICES

This part class is to be used for worldwide Digital Services/Project and Consulting (P&C) lines of business.



@ 3 - UNIQUE P&C IDENTIFIER POSITION 1

@ 4 - UNIQUE P&C IDENTIFIER POSITION 2

@ 5 - UNIQUE P&C IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - VARIABLE (Variable by Geography)

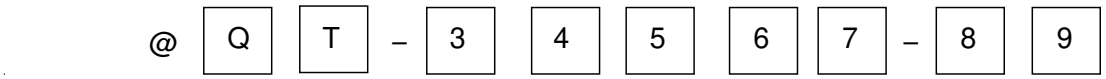
@ 8 - SERVICE TYPE (Refer to subhead 12.1 for specific code)

@ 9 - VARIABLE (Variable by @ 8 and Geography)

12.1 QS- SERVICE TYPE - @ 8

A = Assets
B = (unassigned)
C = Consulting
D = DECcare Units (Europe Only)
E = (unassigned)
F = Fixed Price Project
G = (unassigned)
H = Level of Integration (LOI) 3rd Party
I = (illegal)
J = (unassigned)
K = (unassigned)
L = (unassigned)
M = (unassigned)
N = New Ventures
O = (illegal)
P = (unassigned)
Q = (unassigned)
R = (unassigned)
S = (unassigned)
T = Time and Materials Projects
U = (unassigned)
V = (unassigned)
W = (unassigned)
X = Expenses
Y = (unassigned)
Z = (unassigned)
0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = DECstart
5 = Other Packaged Services
6 = Per Processor/Node Charge
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

13 QT-xxxxx-xx - SOFTWARE PRODUCT SERVICES



@ 3 - UNIQUE PRODUCT IDENTIFIER POSITION 1

@ 4 - UNIQUE PRODUCT IDENTIFIER POSITION 2

@ 5 - UNIQUE PRODUCT IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - VARIES BY @ 8 (Refer to descriptors in subhead 13.1 for @ 7 operatives)

@ 8 - SERVICE OFFERING (Refer to subhead 13.1 for specific code)

@ 9 - VARIES BY @ 8 (Refer to descriptors in subhead 13.1 for @ 9 operatives)

NOTE

Refer to Appendix E for examples of the application of the QT part class.

13.1 QT- SERVICE OFFERING - @ 8

NOTE

Service names may vary by geography. In this table references to Software Support Service (SSS) are generic. The service name may also be Layered Product Service (LPS; U.S. and GIA), or Software Update Subscription License (SUSL; Europe).

A = Software Support Service (SSS) for Kernel Software

For kernel products with Traditional Licenses or Operating System User Licenses:
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = Variable - Beginning with "A", will be incremented as necessary to denote individual processors within the corresponding processor tier. QT @ 9 = "9" is reserved for all processors on the corresponding processor tier not separately identified.

For kernel products with *only* System Licenses:
- – @ 7 = QL Processor Tier (Refer to subhead 7.1)
- – @ 9 = QL Processor Tier Index (Refer to subhead 7.1)

B = MDDS Plus Service (U.S.)
- – @ 7 = QA @ 7 Variable (Refer to heading 4.)
- – @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

C = Consolidated Distribution Services and Media Replication and Distribution Service (MR/DS)
- – @ 7 = QA @ 7 Variable (Refer to heading 4)
- – @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

D = Software Support Services (SSS) for Concurrent Use Licensed Products
- – @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- – @ 9 = "B" (1 User)

E = Media and Documentation Distribution Service
- – @ 7 = QA @ 7 Variable (Refer to heading 4)
- – @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

F = DECaid (GIA)
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

G = Vendor Software Product Support (VSPS) for Capacity Licensed Products
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = QL @ 9 License Rating Table - Chart C (Refer to subhead 7.6)

H = Vendor Software Product Support (VSPS) for Activity Licensed Products
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = QL @ 9 Number of Users Per License - Chart B (Refer to subhead 7.5)

I = Installation
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

J = New Version Subscription Service for Personal Licenses (U.S.)
- – @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- – @ 9 = "B" 1-user

K = Media Only or Documentation Only Update
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
  However, if QT @ 8, @ 9 = "KZ", then @ 7 = QA @ 7 Variable (Refer to heading 4)
- – @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

L = Software Support Service for Capacity Licensed Products
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = For ClusterWide tiering: QL @ 9 License Rating Table - Chart C (Refer to subhead 7.6)
  For Traditional tiering: Variable with QT @ 9 = "9" reserved for position neutral or filler.

M = Software Support Service (SSS) for Personal Use Licensed Products
- – @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- – @ 9 = "B" (1 User)

N = Software Node Service (SNS) for Kernel Software

For kernel products with Traditional Licenses or Operating System User Licenses:
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = Variable - Beginning with "A", will be incremented as necessary to denote individual processors within the corresponding processor tier. QT @ 9 = "9" is reserved for all processors on the corresponding processor tier not separately identified.

For kernel products with *only* System Licenses:
- – @ 7 = QL Processor Tier (Refer to subhead 7.1)
- – @ 9 = QL Processor Tier Index (Refer to subhead 7.1)

O = (illegal)

P = System Management Service (U.S. and GIA)
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = QT @ 9 System and Service Hours - Table C (Refer to subhead 13.4)

Q = Source Update Service
- – @ 7 = QB @ 7 Source Package Contents - Chart A (Refer to subhead 5.2)
- – @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

R = Software Update Installation Service
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = QT @ 9 System and Service Hours - Table C (Refer to subhead 13.4)

S = System Management Service (Europe)
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = QT @ 9 Days Per Year - Table B (Refer to subhead 13.3)

T = New Version Subscription Service for Traditional Licenses (U.S.)
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = QL @ 9 Variable with QT @ 9 = "9" reserved for position neutral or filler.

U = Reserved for New Version Subscription Service for Concurrent Licenses (U.S.)
- – @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- – @ 9 = "B" 1-user

V = Software Support Service (SSS) for Activity Licensed Products (includes User/Activity, Personal, and User in Association with Operating System):
- – @ 7 = Variable for @ 8, @ 9 = "VR"
- – @ 7 = QL @ 7 Processor Tier Table for all other values (Refer to subhead 7.1)
- – @ 9 = QL @ 9 Number of Users per License - Chart B (Refer to subhead 7.5)

W = Software Support Services (SSS) for Capacity Licensed Products (includes VMS Deployed Application Account License and System License)
- – @ 7 = QL @ 7 Processor Tier (Refer to subhead 7.1)
- – @ 9 = QL @ 9 Processor Tier Index (Refer to subhead 7.1)

X = (unassigned)

Y = (unassigned)

Z = Software Standalone Telephone Support Service
- – @ 7 = Variable ("9" Reserved to mean neutral or filler)
- – @ 9 = QT @ 9 CPU Family - Table A (Refer to subhead 13.2)

0 = (illegal)

1 = (illegal)

2 = Additional Dispatch
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

3 = Self-Maintenance Service or Service Right-to-Copy
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

  However, if QT @ 8, @ 9 = "3Z", then the Service Offering description = Service Right-to-Copy

4 = All Library Services
- @ 7 = Variable
- @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

5 = (unassigned)

6 = Additional CSC Contact
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

7 = (unassigned)

8 = Basic Service for Software
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

9 = DECsupport Service for Software
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = QA @ 9 Physical Media Type - Chart A (Refer to subhead 4.3)

NOTE

In some cases, service codes may be retired and then reactivated for new purposes. Previous usages of codes B, T, U, 5, and 7 are defined in Rev J of this standard. Previous usages of codes X and Y are defined in Rev L.

13.2 QT- CPU FAMILY - @ 9

TABLE A

A	=	(unassigned)
B	=	(unassigned)
C	=	(unassigned)
D	=	(unassigned)
E	=	(unassigned)
F	=	High VAX
G	=	Mid VAX
H	=	Low VAX
I	=	(illegal)
J	=	PDP
K	=	WS Desktop
L	=	PC Desktop
M	=	(unassigned)
N	=	(unassigned)
O	=	(illegal)
P	=	(unassigned)
Q	=	(unassigned)
R	=	(unassigned)
S	=	(unassigned)
T	=	(unassigned)
U	=	(unassigned)
V	=	(unassigned)
W	=	(unassigned)
X	=	(unassigned)
Y	=	(unassigned)
Z	=	(unassigned)
0	=	(illegal)
1	=	(illegal)
2	=	(unassigned)
3	=	(unassigned)
4	=	(unassigned)
5	=	(unassigned)
6	=	(unassigned)
7	=	(unassigned)
8	=	(unassigned)
9	=	CPU Family Neutral or Filler

13.3 QT- DAYS PER YEAR - @ 9

TABLE B

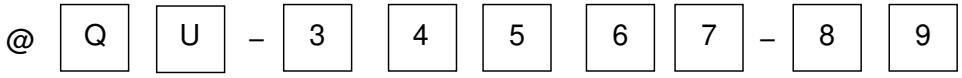
A	=	4 Days Per Year
B	=	6 Days Per Year
C	=	8 Days Per Year
D	=	10 Days Per Year
E	=	12 Days Per Year
F	=	20 Days Per Year
G	=	60 Days Per Year
H	=	90 Days Per Year
I	=	(illegal)
J	=	180 Days Per Year
K	=	(unassigned)
L	=	(unassigned)
M	=	(unassigned)
N	=	(unassigned)
O	=	(illegal)
P	=	(unassigned)
Q	=	(unassigned)
R	=	(unassigned)
S	=	(unassigned)
T	=	(unassigned)
U	=	(unassigned)
V	=	(unassigned)
W	=	(unassigned)
X	=	(unassigned)
Y	=	(unassigned)
Z	=	(unassigned)
0	=	(illegal)
1	=	(illegal)
2	=	(unassigned)
3	=	(unassigned)
4	=	(unassigned)
5	=	(unassigned)
6	=	(unassigned)
7	=	(unassigned)
8	=	(unassigned)
9	=	(unassigned)

13.4 QT- SYSTEM AND SERVICE HOURS - @ 9

TABLE C

A = Low End VAX and MicroVAX
B = Mid-Range VAX and PDP
C = Low End VAXcluster (LAVC)
D = High End VAX
E = High End VAXcluster (CI, Mixed Interconnect)
F = Low End VAX and MicroVAX - Evening
G = Mid Range VAX and PDP - Evening
H = Low End VAXcluster (LAVC) - Evening
I = (illegal)
J = High End VAX - Evening
K = High End VAXcluster (CI, Mixed Interconnect) - Evening
L = Low End VAX and MicroVAX - Weekend
M = Mid-Range VAX and PDP - Weekend
N = Low End VAXcluster (LAVC) - Weekend
O = (illegal)
P = High End VAX - Weekend
Q = High End VAXcluster (CI, Mixed Interconnect) - Weekend
R = (unassigned)
S = (unassigned)
T = (unassigned)
U = (unassigned)
V = (unassigned)
W = (unassigned)
X = (unassigned)
Y = (unassigned)
Z = (unassigned)
0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = (unassigned)
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = System and Service Hours Neutral or Filler

14 QU-xxxxx-xx - SOFTWARE PRODUCT SERVICES



@ 3 - UNIQUE PRODUCT IDENTIFIER POSITION 1

@ 4 - UNIQUE PRODUCT IDENTIFIER POSITION 2

@ 5 - UNIQUE PRODUCT IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - VARIES BY @ 8 (Refer to descriptors in subhead 14.1 for @ 7 operatives)

@ 8 - QU- SERVICE OFFERING (Refer to subhead 14.1 for specific code)

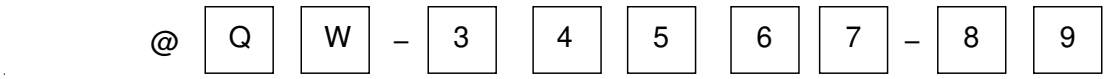
@ 9 - VARIES BY @ 8 (Refer to descriptors in subhead 14.1 for @ 9 operatives)

14.1 QU- SERVICE OFFERING - @ 8

To be developed

15 QW-xxxxx-xx - CROSS-FUNCTIONAL SERVICE PACKAGES (CFSP)

This part class is to be used for software service packages that contain service deliverables from two or more of the functional services (SPS, P&C, CT, and Software Business Group)



@ 3 - UNIQUE PRODUCT IDENTIFIER POSITION 1

@ 4 - UNIQUE PRODUCT IDENTIFIER POSITION 2

@ 5 - UNIQUE PRODUCT IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - PROCESSOR GROUP (Refer to subhead 15.1 for specific code)

@ 8 - SERVICE OFFERING (Refer to subhead 15.2 for specific code)

@ 9 - PHYSICAL MEDIA TYPE (Refer to subhead subhead 15.3 for specific code)

15.1 QW- PROCESSOR GROUP - @ 7

Codes A through Z excluding "I" and "O", and 2 through 9 are legal processor group codes.

NOTE

To determine which codes are assigned and which processors are contained within each processor group, and for updated copies of the processor group table, contact either Cathy Cardoza ENET: CARTUN::CARDOZA for the U.S./GIA Area, or Maurice Fitzgerald @ GEO for Europe.

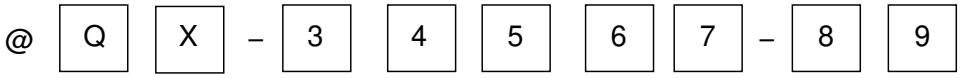
15.2 QW- CFSP SERVICE OFFERING - @ 8

A = (unassigned)
B = Startup Service Package Level III (Year 1)
C = Basic Service Package Level III (Year 1)
D = (unassigned)
E = (unassigned)
F = (unassigned)
G = (unassigned)
H = (unassigned)
I = (illegal)
J = (unassigned)
K = (unassigned)
L = (unassigned)
M = (unassigned)
N = Next Step Service Packages
O = (illegal)
P = (unassigned)
Q = (unassigned)
R = (unassigned)
S = (unassigned)
T = Upgrade Service Package Level II (New version startup)
U = Upgrade Service Package Level III (New version startup)
V = OEM Startup Service Package Level I (Europe only)
W = OEM Startup Service Package Level II (Europe only)
X = (unassigned)
Y = (unassigned)
Z = (unassigned)
0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = Startup Service Package Level I (Year 1)
6 = Basic Service Package Level I (Year 1)
7 = Startup Service Package Level II (Year 1)
8 = Basic Service Package Level II (Year 1)
9 = (unassigned)

15.3 QW- CFSP PHYSICAL MEDIA TYPE- @ 9

A = (unassigned)
B = (unassigned)
C = (unassigned)
D = (unassigned)
E = (unassigned)
F = (unassigned)
G = (unassigned)
H = (unassigned)
I = (illegal)
J = (unassigned)
K = (unassigned)
L = (unassigned)
M = 1600 BPI 9-Track Magtape (PE)
N = (unassigned)
O = (illegal)
P = (unassigned)
Q = (unassigned)
R = (unassigned)
S = (illegal)
T = (illegal)
U = (unassigned)
V = (unassigned)
W = (unassigned)
X = (unassigned)
Y = (unassigned)
Z = No Media Dependency
0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = TK50 Cartridge
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

16 QX-xxxxx-xx - DIAGNOSTIC/MAINTENANCE TOOLS LICENSES



@ 3 - UNIQUE DIAGNOSTIC AND HARDWARE INFORMATION IDENTIFIER POSITION 1

@ 4 - UNIQUE DIAGNOSTIC AND HARDWARE INFORMATION IDENTIFIER POSITION 2

@ 5 - UNIQUE DIAGNOSTIC AND HARDWARE INFORMATION IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - VARIABLE - Beginning with A; will be incremented when necessary to reflect changes in license offerings

@ 8 - DIAGNOSTIC LICENSE TYPES (Refer to subhead 16.1 for specific code)

@ 9 - DIAGNOSTIC STANDALONE/MEMBER (Refer to subhead 16.2 for specific code)

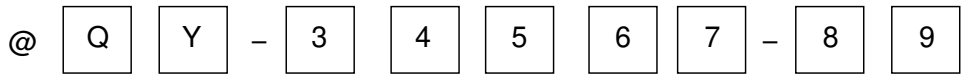
16.1 QX- DIAGNOSTIC LICENSE TYPES - @ 8

A = Binary, Paid-up License Per System (@ 9 - Refer to subhead 16.2 Diagnostic Standalone/Member)
B = Source, Paid-up License Per System (@ 9 - Refer to subhead 16.2 Diagnostic Standalone/Member)
C = (unassigned)
D = (unassigned)
E = (unassigned)
F = (unassigned)
G = (unassigned)
H = (unassigned)
I = (illegal)
J = (unassigned)
K = (unassigned)
L = (unassigned)
M = (unassigned)
N = (unassigned)
O = (illegal)
P = (unassigned)
Q = (unassigned)
R = Traditional Update License (@ 9 - Refer to subhead 16.2 Diagnostic Standalone/Member)
S = (unassigned)
T = (unassigned)
U = (unassigned)
V = (unassigned)
W = (unassigned)
X = (unassigned)
Y = (unassigned)
Z = (unassigned)
0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = (unassigned)
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

16.2 QX- DIAGNOSTIC STANDALONE/MEMBER - @ 9

A = Standalone
B = (unassigned)
C = (unassigned)
D = (unassigned)
E = (unassigned)
F = (unassigned)
G = (unassigned)
H = (unassigned)
I = (illegal)
J = (unassigned)
K = (unassigned)
L = (unassigned)
M = (unassigned)
N = (unassigned)
O = (illegal)
P = (unassigned)
Q = (unassigned)
R = (unassigned)
S = (unassigned)
T = (unassigned)
U = (unassigned)
V = (unassigned)
W = (unassigned)
X = (unassigned)
Y = (unassigned)
Z = (unassigned)
0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = (unassigned)
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

17 QY-xxxxx-xx - DIAGNOSTIC/MAINTENANCE TOOLS SERVICES



@ 3 - UNIQUE DIAGNOSTIC AND HARDWARE INFORMATION IDENTIFIER POSITION 1

@ 4 - UNIQUE DIAGNOSTIC AND HARDWARE INFORMATION IDENTIFIER POSITION 2

@ 5 - UNIQUE DIAGNOSTIC AND HARDWARE INFORMATION IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - VARIABLE - Beginning with A; will be incremented when necessary to reflect changes in service offerings

@ 8 - DIAGNOSTIC SERVICE OFFERING (Refer to subhead 17.1 for specific code)

@ 9 - DIAGNOSTIC PHYSICAL MEDIA TYPE (Refer to subhead 17.2 for specific code)

17.1 QY- DIAGNOSTIC SERVICE OFFERING - @ 8

A = Media and/or Documentation Update Per CPU
B = (unassigned)
C = (unassigned)
D = (unassigned)
E = Media and/or Documentation Update Per Site
F = (unassigned)
G = (unassigned)
H = (unassigned)
I = (illegal)
J = (unassigned)
K = (unassigned)
L = (unassigned)
M = (unassigned)
N = (unassigned)
O = (illegal)
P = (unassigned)
Q = (unassigned)
R = (unassigned)
S = (unassigned)
T = (unassigned)
U = (unassigned)
V = (unassigned)
W = (unassigned)
X = (unassigned)
Y = (unassigned)
Z = (unassigned)
0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = (unassigned)
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

17.2 QY- DIAGNOSTIC PHYSICAL MEDIA TYPE - @ 9

A	=	(unassigned)	! Previously 6250 BPI 9-Track Magtape
B	=	3.5 Inch Diskette, Double Density (3.5 DK/RX24)	! Previously Papertape
C	=	3.5 Inch Diskette, High Density (3.5 DK/RX23)	! Previously DECtape
D	=	800 BPI 9-Track Magtape (NRZI)	
E	=	(unassigned)	! Previously RK05 Disk Cartridge
F	=	(unassigned)	! Previously 7-Track Magtape
G	=	TU58 DECtape II Cartridge	
H	=	RL02 Disk Cartridge	
I	=	(illegal)	
J	=	RA60 Disk Cartridge	
K	=	(unassigned)	! Previously RP04 Disk Pack
L	=	(unassigned)	! Previously RP06 Disk Pack
M	=	1600 BPI 9-Track Magtape (PE)	
N	=	(unassigned)	! Previously TU60 Cassette
O	=	(illegal)	
P	=	(unassigned)	
Q	=	(unassigned)	! Previously RL01 Disk Cartridge
R	=	Microfiche	
S	=	Software/Firmware Hardware Module	
T	=	(unassigned)	! Previously RK06 Disk Cartridge
U	=	(unassigned)	
V	=	RK07 Disk Cartridge	
W	=	Multimedia Distribution	
X	=	(unassigned)	! Previously RX02 Double Density Diskette
Y	=	RX01 Floppy Diskette	
Z	=	Paper	
0	=	(illegal)	
1	=	(illegal)	
2	=	(unassigned)	! Previously RX18 Floppy Diskette
3	=	5.25 Inch Diskette, Single Density, Single Sided (5.25 DK/RX50)	
4	=	(unassigned)	! Previously RC25 Disk Cartridge
5	=	TK50 Cartridge	
6	=	(unassigned)	! Previously TK25 Cartridge
7	=	5.25 Inch Diskette, Double Density, Double Sided (5.25 DK/RX33)	
8	=	CDROM	
9	=	No media dependency	

18 QZ-xxxxx-xx DIAGNOSTIC/MAINTENANCE TOOLS DOCUMENTATION, MEDIA, AND OTHER HARDWARE INFORMATION KITS

@	Q	Z	–	3	4	5	6	7	–	8	9

@ 3 - UNIQUE DIAGNOSTIC AND HARDWARE INFORMATION IDENTIFIER POSITION 1

@ 4 - UNIQUE DIAGNOSTIC AND HARDWARE INFORMATION IDENTIFIER POSITION 2

@ 5 - UNIQUE DIAGNOSTIC AND HARDWARE INFORMATION IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

NOTE

This identifier field should reflect language-based product variations and may indicate style associated with certain market requirements. It should not be used to indicate country of destination. Refer to subhead 4.1 for specific codes.

@ 7 - VARIABLE - Beginning with A; will be incremented when necessary to reflect changes in component composition

@ 8 - DIAGNOSTIC MEDIA CONTENTS FIELD (Refer to subhead 18.1 for specific code)

@ 9 - DIAGNOSTIC PHYSICAL MEDIA TYPE (Refer to subhead 17.2 for specific code)

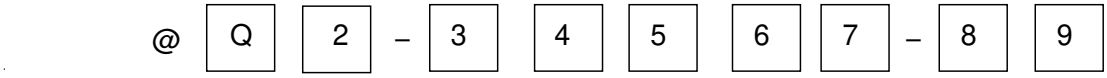
NOTE

Refer to Appendix E for an example of the application of the QZ part class.

18.1 QZ- DIAGNOSTIC MEDIA CONTENTS FIELD - @ 8

A = (unassigned)
B = Manufacturing Subassemblies (@ 9 - Refer to subhead 17.2, QY- Diagnostic Physical Media Type)
C = Sources (@ 9 - Refer to subhead 17.2, QY- Diagnostic Physical Media Type)
D = Listings (@ 9 - Refer to subhead 17.2, QY- Diagnostic Physical Media Type)
E = Console Kits (OLD BT KITS) (@ 9 - Refer to subhead 17.2, QY- Diagnostic Physical Media Type)
F = Field Service Complete (Internal) (@ 9 - Refer to subhead 17.2, QY- Diagnostic Physical Media Type)
G = Documentation (@ 9 - Refer to subhead 17.2, QY- Diagnostic Physical Media Type)
H = Licensed Binaries and Documentation (@ 9 - Refer to subhead 17.2, QY- Diagnostic Physical Media Type)
I = (illegal)
J = (unassigned)
K = (unassigned)
L = Field Service Update (Internal) (@ 9 - Refer to subhead 17.2, QY- Diagnostic Physical Media Type)
M = (unassigned)
N = (unassigned)
O = (illegal)
P = (unassigned)
Q = (unassigned)
R = (unassigned)
S = (unassigned)
T = Supplementary Kit (@ 9 - Refer to subhead 17.2, QY- Diagnostic Physical Media Type)
U = Unlicensed Binaries and Documentation (@ 9 - Refer to subhead 17.2, QY- Diagnostic Physical Media Type)
V = (unassigned)
W = Binaries and Documentation Update or Documentation Update (@ 9 - Refer to subhead 17.2, QY- Diagnostic Physical Media Type)
X = (unassigned)
Y = (unassigned)
Z = (unassigned)
0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = (unassigned)
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

19 Q2-xxxxx-xx ASSETS: LICENSE, MEDIA & DOCUMENTATION, SPS, AND REUSABLE SOLUTIONS



@ 3 - UNIQUE ASSETS IDENTIFIER POSITION 1

@ 4 - UNIQUE ASSETS IDENTIFIER POSITION 2

@ 5 - UNIQUE ASSETS IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - VARIES BY @ 8 (Refer to descriptors in subhead 19.1 for @ 7 operatives)

@ 8 - ASSETS TYPE (Refer to Subhead 19.1 for specific codes)

@ 9 - VARIES BY @ 8 (Refer to descriptors in subhead 19.1 for @ 9 operatives)

NOTE

Refer to Appendix E for an example of the application of the Q2 part class.

19.1 Q2- ASSETS TYPE - @ 8

NOTE

Service names may vary by geography. In this table, references to Software Support Service (SSS) are generic. The Service name may also be Layered Product Service (LPS in US and GIA), or Software Update Subscription License (SUSL in Europe).

A = Binary, Traditional License with Warranty
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = Q2 @ 9 Standalone/Member (Refer to subhead 19.3)

B = (unassigned)

C = (unassigned)

D = Software Support Service (SSS) for Concurrent Use Licensed Products
- – @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- – @ 9 = "B" (1 User)

E = Media and Documentation Distribution Service
- – @ 7 = QA @ 7 Variable (Refer to heading 4)
- – @ 9 = Q2 @ 9 Physical Media Type (Refer to subhead 19.2)

F = Binary, Traditional License without Warranty
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = Q2 @ 9 Standalone/Member (Refer to subhead 19.3)

G = Documentation
- – @ 7 = QA @ 7 Variable (Refer to heading 4)
- – @ 9 = Q2 @ 9 Physical Media Type (Refer to subhead 19.2)

H = Licensed Binaries & Documentation
- – @ 7 = QA @ 7 Variable (Refer to heading 4)
- – @ 9 = Q2 @ 9 Physical Media Type (Refer to subhead 19.2)

I = Installation
- – @ 7 = QL @ 7 Processor Tier Table - (Refer to subhead 7.1)
- – @ 9 = Q2 @ 9 Physical Media Type - (Refer to subhead 19.2)

J = Binary License with Warranty - ClusterWide
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = QL @ 9 License Rating Table (Refer to subhead 7.6)

K = Documentation Only Update
- – @ 7 = QA @ 7 Variable (Refer to heading 4)
- – @ 9 = Q2 @ 9 Physical Media Type (Refer to subhead 19.2)

L = Software Support Service (SSS) for Capacity Licensed Products
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = For ClusterWide Tiering: QL @ 9 License Rating Table (Refer to subhead 7.6)
  For Traditional Tiering: Variable with Q2 @ 9 = "9" reserved for position neutral or filler

M = Software Support Service (SSS) for Personal Use Licensed Products
- – @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- – @ 9 = "B" (1 User)

N = Trade Up To Personal Use License
- – @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- – @ 9 = "B" (1 User)

O = Software Loan License
- – @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- – @ 9 = QL @ 9 License Duration Table (Refer to subhead 7.7)

P = Binary License with Warranty-User/Activity Layered Product Specific (Inactive)
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = "B" (1 User)

Q = Personal License (Inactive)
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = "B" (1 User)

R = Traditional Update License
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = Q2 @ 9 Standalone/Member (Refer to subhead 19.3)

S = ClusterWide Update License
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = QL @ 9 License Rating Table (Refer to subhead 7.6)

T = Trade Up To Concurrent Use License
- @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- @ 9 = "B" (1 User)

U = Binary License with Warranty ClusterWide License Upgrade (Inactive)
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = QL @ 9 License Rating Table (Refer to subhead 7.6)

V = Software Support Service (SSS) for Activity Licensed Products
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = "B" (1 User)

W = Binaries & Documentation Update or Documentation Update
- @ 7 = QA @ 7 Variable (Refer to heading 4)
- @ 9 = Q2 @ 9 Physical Media Type (Refer to subhead 19.2)

X = (unassigned)

Y = Operating System User/Personal/User-Activity Update License (Inactive)
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = "B" (1 User)

Z = Software Standalone, Telephone Support Service
- @ 7 = QL @ 7 Processor Tier Table (Refer to subhead 7.1)
- @ 9 = QT @ 9 CPU Family - Table A (Refer to subhead 13.2)

0 = (illegal)

1 = (illegal)

2 = Personal Use License
- @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- @ 9 = "B" (1 User)

3 = Concurrent Use License
- @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- @ 9 = "B" (1 User)

4 = Personal Use Update License
- @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- @ 9 = "B" (1 User)

5 = Concurrent Use Update License
- @ 7 = QL @ 7 Platform Identifier (Refer to subhead 7.2)
- @ 9 = "B" (1 User)

6 = Reserved for Reusable Solution ClusterWide License

7 = Reserved for Reusable Solution Traditional License

8 = Reserved for Reusable Solution User-Activity License

9 = Reserved for Reusable Solution User/Personal License

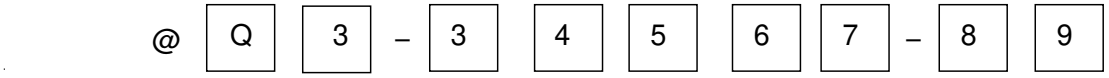
19.2 Q2- PHYSICAL MEDIA TYPE - @ 9

M = 1600 BPI 9-Track Magtape
P = Cassette Tape
W = Multimedia Distribution
Z = Paper
5 = TK50 Cartridge
6 = TK25 Cartridge (inactive)
9 = No Media Dependency

19.3 Q2- STANDALONE/MEMBER - @ 9

A = Standalone

20 Q3-xxxxx-xx - ASSETS: LICENSE, MEDIA & DOCUMENTATION, SPS, AND REUSABLE SOLUTIONS



@ 3 - UNIQUE ASSETS IDENTIFIER POSITION 1

@ 4 - UNIQUE ASSETS IDENTIFIER POSITION 2

@ 5 - UNIQUE ASSETS IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - VARIES BY @ 8 (Refer to descriptors in subhead 20.1 for @ 7 operatives)

@ 8 - ASSETS TYPE (Refer to subhead 20.1 for specific codes)

@ 9 - VARIES BY @ 8 (Refer to descriptors in subhead 20.1 for @ 9 operatives)

NOTE

Refer to Appendix E for an example of the application of the Q2 part class.

20.1 Q3- ASSETS TYPE - @ 8

To be developed

21 HISTORICAL SOFTWARE NUMBERING CONVENTIONS (PER DEC STD 012-4, REVISION E)

NOTE

This portion of the standard is still applicable for products that will not use the new numbering conventions.

21.1 PART IDENTIFIER STRUCTURE FOR SOFTWARE OPTIONS

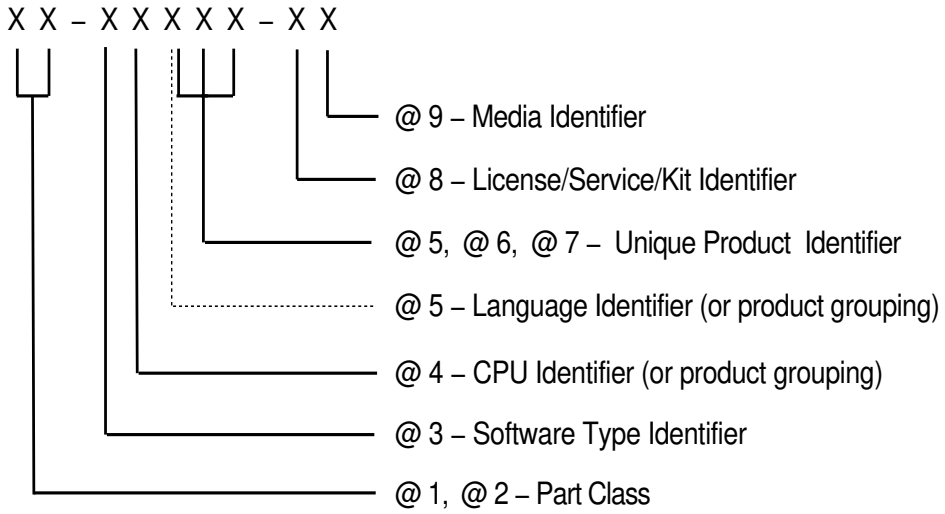
The first character in the part basic (xx-Xxxxx-xx) defines the software type: Q for system software and Z for diagnostic engineering software. The second character (xx-xXxxx-xx) indicates the CPU or product grouping in which the software is used.

The last three characters of the part basic (xx-xxXXX-xx) are usually a unique product identifier assigned by Software Configuration Control.

In some cases, however, the third character indicates a language identifier (or a specific product grouping). In these cases only the fourth and fifth characters (xx-xxxXX-xx) are unique identifiers.

The first character of the part variation (xx-xxxxx-Xx) indicates the type of license and/or support service that the option carries. The second character (xx-xxxxx-xX) identifies the distribution media.

Each of the alphanumeric characters used in the option number defines a basic characteristic or element of that option. Character positions are assigned as follows.


X X – X X X X X – X X
@ 9 – Media Identifier
@ 8 – License/Service/Kit Identifier
@ 5, @ 6, @ 7 – Unique Product Identifier
@ 5 – Language Identifier (or product grouping)
@ 4 – CPU Identifier (or product grouping)
@ 3 – Software Type Identifier
@ 1, @ 2 – Part Class

21.1.1 Part Class Identifier - @ 1 and @ 2

Software options using the conventions of DEC STD 012-4 Rev E use either a space-space part class (-XXXXX-XX), or the following part class codes.

Part Class	Description
BR	Restricted kit distribution (Refer to subhead 21.2 and subhead 21.3)
BS	European Unpackaged Diagnostic kit (Retired)
BT	U.S. Unpackaged Diagnostic kit (Inactive)
BU	Cumulative kit (Retired)
BV	Educational Training course package (Retired)
BW	Internal Sales Only (Retired)
BX	Software Manufacturing Diagnostic Software Box or Buyouts (Refer to heading 22 at component level-distributed only)
BY	Internal Automatic Distribution kit (Refer to subhead 21.4 and subhead 21.5) (Inactive)
BZ	Product-specific packaging (Internal Use Only) (Inactive)

21.1.2 Software Type Identifier - @ 3

This character indicates if the software is system software (Q) or diagnostic software (Z).

21.1.3 CPU Identifier (or Product Grouping) - @ 4

CPU Identifier	Description
A*	Third Party Digital Certified Software, USA (Inactive)
B	Professional family (Refer to subhead 21.1.4 for @ 5 code) (Inactive)
C	VAX 11/725, VAX 11/730 series
D	VAX 11/750 series
E	VAX 11/780, VAX 11/782, VAX 11/785 series
F	PDP8, WPS, DECmate I (Inactive)
G*	Digital-developed, Europe (Refer to subhead 21.1.4 for @ 5 code) (Inactive)
H	DECsystem 10
I*	Third Party Digital Certified Software, GIA (Refer to subhead 21.1.4 for @ 5 code) (Inactive)
J	PDP11 (RT)
K	VAX 8600, 8650
L	VAX cross product/generic
M	VAX 8800
N	MicroVAX I
O	(Illegal)
P	PDP11 (RSTS)
Q	Workstation/VAXstation I
R	PDP11 (RSX)
S*	Software Services (Refer to PSS table - Refer to subhead 21.1.5 for @ 5 code)
T	DECsystem 20
U*	Third Party Digital Certified Software, Europe (Refer to subhead 21.1.4 for @ 5 code)(Inactive)

V	Rainbow, Microprocessor (Refer to subhead 21.1.4 for @ 5 code) (Inactive)
W	DECmate II (Inactive)
X	Cross product and/or discount scheme
Y	Micro-11
Z	MicroVAX II
1	Combination Kit (used with BY-) VAXstation 3200, 3500, 8000, VAXserver 3500, 3600, 3602
2	VAX 8550, 8700, 8974, 8978
3	MicroVAX 2000
4	VAXstation II
5	VAX 8200
6**	VAXmate
7	VAX 8300
8	VAXstation 2000
9	VAX 8500
0	MicroVAX 3500, 3600

* This character, when used, designates a particular grouping of products (that is, DCS/DDS, European, or GIA). This character is used as the CPU identifier in all but the following.

- -QAxxx-xx
- -QGxxx-xx
- -QIxxx-xx
- -QSxxx-xx
- -QUxxx-xx

** This character designates the Digital Marketed Software (DMS) products when @ 5 = V and @ 8 @ 9 = CZ.

21.1.4 Language Identifier for System Software (or Product Grouping) - @ 5

If the first two positions of the part basic are QA, QB, QG, QI, QU, QV, or QW, the following third position character indicates the language used (except in cases where noted *).

Language Identifier/ Product Grouping*	Description
A	English - USA
B	Finnish
C	Italian
D	Danish
E	English - UK
F	French
G	German
H	Dutch/Flemish
I	Swiss/Italian
J	Japanese
K	Swiss/French
L	Swiss/German
M	Hebrew
N	Norwegian
O	(illegal)
P	Portuguese
Q	Belgium/Flemish
R	Arabic
S	Spanish
T	Swedish
U	Austrian/German
V	(unassigned)
W*	Basic European Version
X*	Digital Distributed Software
Y	Belgium/French
Z	Australian and New Zealand/English
0	(illegal)
1	(illegal)
2	(unassigned)
3	English - Canada
4	French - Canada
5	(unassigned)
6	(unassigned)
7	(unassigned)
8	(unassigned)
9	(unassigned)

* This character indicates further delineation of a product grouping rather than a language identifier; for example, -QAXxx-xx indicates Digital Distributed Software products.

21.1.5 Software Services - Allocation of 'QS' Option Numbers

If the first two characters in the part basic of an option number are QS, the following character(s) represent(s) the following.

Identifier	Description
nnn	Professional PSS (@ 5, @ 6, and @ 7)
C	Management Services
D	Management Services
E	Management Services
H	Applications Products Business, High End
L	Applications Products Business, Low End
P	Performance Services
S	Computer Services Business
T	Computer Services Business
V	Packaged Services
X	Software Product Services
Z	PSS Unique
nnx	PSS General (@ 5, @ 6, and @ 7)

KEY: n = any number 0-9
x = any letter A-Z, except I and O

NOTE

A part number structured as QSYAA-nn represents a special custom package agreement with a specified end-user customer and is used to invoice according to that customized agreement. Such part numbers will be very low volume, are not visible on the price list, nor can they be ordered through normal channels. The variation field will be numeric beginning with 01.

21.1.6 Unique Product Identifier (UPI) - @ 5, @ 6, @ 7

The Unique Product Identifier characters are alphanumeric codes assigned by Software Configuration Control.

21.1.7 License/Services Identifier - @ 8

License/Services

Identifier	Description
A	Single-use license, binaries, documentation, warranty
B	System startup service package, level III
C	Single-use license, binaries, documentation; or single-use license, warranty, key (for MicroVMS products)
D	Single-use license (@ 9 = "3", "A", "Z")
E	Location-use sources license, sources
F	Location-use sources license, microfiche listings; or unlicensed diagnostics, microfiche listings
G	Documentation only (@ 9 = "Z")
H	Binaries and documentation (license required - @ 9 Refer to subhead 21.1.8, Media Identifier), or Update License (@ 9 = "Z"). Previously, Right-to-Copy Update, now inactive.

I	Installation service for software
J	Monthly rental support service or Monthly Periodic License Fee
K	Additional Update Services
L	Sources update
M	Location-use sources license, sources, and microfiche listings
N	Sources or sources and binaries, documentation (license required)
O	(illegal)
P	Binaries (unlicensed diagnostics)
Q	Single-use license for VAXcluster node (@ 9 = "Z")
R	Binaries and/or documentation (unlicensed diagnostics)
S	Professional Software Services
T	Single-use license, supplementary software; or User Upgrade license, key (for MicroVMS products)
U	Single-use license with warranty or volume priced packages of single-use licenses with warranty
V	In-warranty-service source customer update (internal kit)
W	In-warranty/service customer update
X	Single-use sources license, sources or source and binaries, documentation, warranty with support services
Y	Single-use sources license, sources or sources and binaries, documentation
Z	Maintenance service
0	Software Manufacturing Kit Assemblage
1	Additional dispatch subscription (@ 9 = "R", "Z") or Initial License Fee (@ 9 = "3", "A", "P")
2	Dispatch subscription service (PDP-8)
3	Self-maintenance service for software
4	Source update service
5	System startup service package, level I
6	Additional telephone support center contact
7	System startup service package, level II
8	Basic service for software
9	DECsupport service for software

21.1.8 Media Identifier - @ 9

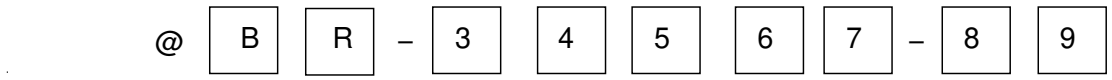
Media Identifier	Description
A**	6250 BPI 9-Track magtape
B	RX24 (Formerly Papertape, Inactive)
C	DECtape
D	800 BPI 9-Track magtape (NRZI)
E	RK05 disk cartridge
F	7-Track magtape (Retired)
G	TU58 DECtape II cartridge
H	RL02 disk cartridge
I	RX31 floppy diskette

J	RA60 disk cartridge
K	RP04 disk pack (Retired)
L	RP06 disk pack
M	1600 BPI 9-Track magtape (PE)/multimedia distribution (large)
N	TU60 cassette (Retired)
O	(illegal)
P*	Option for Periodic Payment License
Q	RL01 disk cartridge
R	Microfiche
S	ROM chip
T	RK06 disk cartridge
U	(unassigned)
V	RK07 disk cartridge/multimedia distribution (large)
W	Multimedia distribution (small)
X	RX02 double density diskette
Y	RX01 floppy diskette
Z*	No media/no hardware dependency/or Option for Periodic Payment License
0	(illegal)
1	(illegal)
2	RX18 floppy diskette (48-TPI 5.25 inch floppy) (Retired)
3**	RX50 floppy diskette (96-TPI 5.25 inch floppy)
4	RC25 disk cartridge(Inactive)
5	TK50 Cartridge (Maya)
6	TK25 Cartridge (Leah) (Inactive for Digital processors, Active for Hardware Not Manufactured by Digital)
7	RX33 Floppy diskette
8	CDROM
9	(unassigned)

* Designators for the Periodic Payment License for Software must be read together to understand their full meaning. It is through the payment of both the Qxxxx-1P and the Qxxxx-JP or -JZ that the right-to-use software (known as the software license) is given.

** When used in conjunction with an @ 8 License/Services Identifier of "D", "J", or "U", the @ 9 code of "A" designates a VAX 8974 processor, and "3" designates a VAX 8978.

21.2 BR-xxxxx-xx - RESTRICTED DISTRIBUTION KITS FOR OPTION LEVEL PART CLASS QA



@ 3 - UNIQUE PRODUCT IDENTIFIER POSITION 1 (Never "Q" nor "Z")

@ 4 - UNIQUE PRODUCT IDENTIFIER POSITION 2

@ 5 - UNIQUE PRODUCT IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - VARIABLE - Beginning with A; will be incremented when necessary to reflect changes in component composition

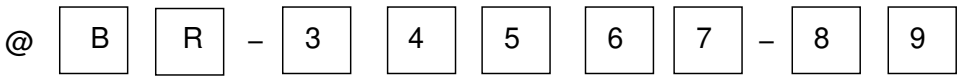
@ 8 - MEDIA CONTENTS FIELD (Refer to subhead 21.2.1 for specific code)

@ 9 - PHYSICAL MEDIA TYPE (Refer to subhead 4.3 for specific code)

21.2.1 BR- MEDIA CONTENTS FIELD - @ 8

A = (unassigned)
B = (unassigned)
C = (unassigned)
D = (unassigned)
E = (unassigned)
F = (unassigned)
G = (unassigned)
H = (unassigned)
I = (illegal)
J = (unassigned)
K = (unassigned)
L = (unassigned)
M = (unassigned)
N = (unassigned)
O = (illegal)
P = (unassigned)
Q = Internal Distribution
R = Limited Distribution (for example, encryption code)
S = Introductory Software (for example, announcement day software)
T = (unassigned)
U = (unassigned)
V = (unassigned)
W = (unassigned)
X = (unassigned)
Y = (unassigned)
Z = (unassigned)
0 = (illegal)
1 = (illegal)
2 = (unassigned)
3 = (unassigned)
4 = (unassigned)
5 = (unassigned)
6 = (unassigned)
7 = (unassigned)
8 = (unassigned)
9 = (unassigned)

21.3 RESTRICTED DISTRIBUTION KITS FOR OPTION LEVEL PART CLASS (SPACE-SPACE)



@ 3 - Q (SOFTWARE IDENTIFIER) or Z (DIAGNOSTIC IDENTIFIER)

@ 4 - CPU IDENTIFIER (Refer to subhead 21.1.3 for specific code)

@ 5 - UNIQUE PRODUCT IDENTIFIER POSITION 1

@ 6 - UNIQUE PRODUCT IDENTIFIER POSITION 2

@ 7 - UNIQUE PRODUCT IDENTIFIER POSITION 3

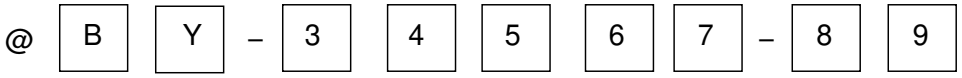
@ 8 - LICENSES/SERVICES IDENTIFIER (Refer to subhead 21.1.7 for specific code)

@ 9 - MEDIA IDENTIFIER (Refer to subhead 21.1.8 for specific code)

21.4 INTERNAL AUTOMATIC DISTRIBUTION KITS (ADS) FOR OPTION LEVEL PART CLASS QA

NOTE

The following information is "Inactive". The information is no longer assignable, but is still recognized in many active parts.



@ 3 - UNIQUE PRODUCT IDENTIFIER POSITION 1 (Never "Q")

@ 4 - UNIQUE PRODUCT IDENTIFIER POSITION 2

@ 5 - UNIQUE PRODUCT IDENTIFIER POSITION 3

@ 6 - LANGUAGE IDENTIFIER (Refer to subhead 4.1 for specific code)

@ 7 - VARIABLE (Maps to the QA @ 7 Variable field)

@ 8 - MEDIA CONTENTS FIELD (Refer to subhead 21.4.1 for specific code)

@ 9 - PHYSICAL MEDIA TYPE (Refer to @ 8 Media Contents Field for references to subhead)

21.4.1 BY- Media Contents Field - @ 8

0	=	(unassigned)
1	=	Source Update (@ 9 = Physical Media Type - Refer to subhead 4.3 for specific code)
2	=	Binary Update (@ 9 = Physical Media Type - Refer to subhead 4.3 for specific code) (Inactive)
3	=	Documentation Update (@ 9 = Physical Media Type - Refer to subhead 4.3 for specific code) (Inactive)
4	=	Delta Kit (@ 9 = Physical Media Type - Refer to subhead 4.3 for specific code) (Inactive)
5	=	Primary Level Combo Kit (@ 9 = Physical Media Type - Refer to subhead 21.4.2 for specific code) (Inactive)
6	=	Secondary Level Combo Kit (@ 9 = Physical Media Type - Refer to subhead 21.4.2 for specific code) (Inactive)
7-9	=	(unassigned)
A-Z	=	(unassigned)

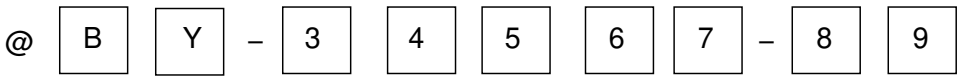
21.4.2 BY- Physical Media Type - @ 9

NOTE

The following information is "Inactive". The information is no longer assignable, but is still recognized in many active parts.

A-H	=	(unassigned)
I	=	(illegal)
J-L	=	(unassigned)
M	=	16MT9 and RL02
N	=	(unassigned)
O	=	(illegal)
P-U	=	(unassigned)
V	=	RK07 and RL02
W	=	TU58 and RX01
X-Z	=	(unassigned)
0-1	=	(illegal)
2-9	=	(unassigned)

21.5 INTERNAL AUTOMATIC DISTRIBUTION KITS (ADS) FOR OPTION LEVEL PART CLASS (SPACE-SPACE)



@ 3 = Q (Software Identifier)

@ 4 = Product Grouping

L = Cross Product Generic (@ 9 = Physical Media Type - Refer to subhead 4.3 for specific code)

1 = Combination Kit (@ 9 = Physical Media Type - Refer to subhead 21.4.2 for specific code) (inactive)

@ 5 = UNIQUE PRODUCT IDENTIFIER POSITION 1

@ 6 = UNIQUE PRODUCT IDENTIFIER POSITION 2

@ 7 = UNIQUE PRODUCT IDENTIFIER POSITION 3

@ 8 = MEDIA CONTENTS FIELD

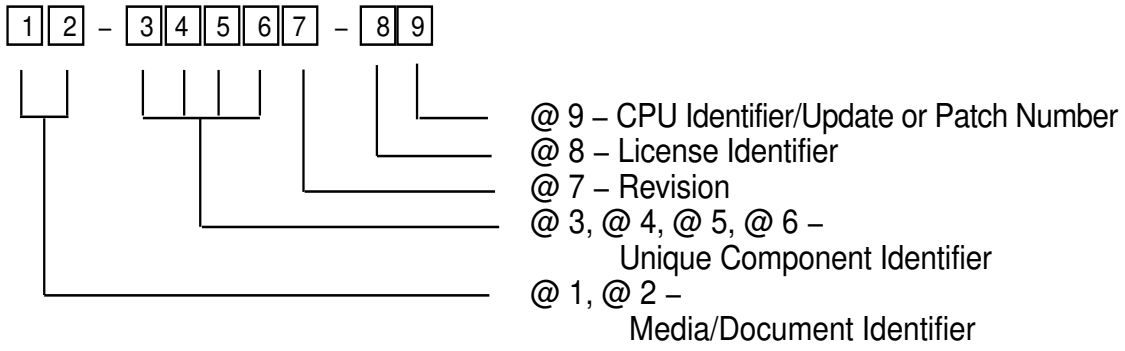
1 = Source Update (@ 9 = Physical Media Type - Refer to subhead 4.3 for specific code). Refer to subhead 21.4.1 for inactive codes

@ 9 = PHYSICAL MEDIA TYPE (Refer to Media Contents Field @ 8 for references to subheads)

22 COMPONENT PART NUMBER FORMAT FOR SYSTEM DIAGNOSTIC/SOFTWARE OPTIONS AND DIAGNOSTIC/SOFTWARE/HARDWARE INFORMATION KITS

The component parts contain both alpha and numeric characters, and exist in either a 2-5-2 part number (XX-XXXXX-XX) or 2-5-2.4 part identifier (XX-XXXXX-XX.AANN) format. In both formats, the first nine characters are alphanumeric, and define a basic characteristic or element of the software part. The last four characters of part identifiers (2-5-2.4) show revision. Positions 10 and 11 are alphabetic and positions 12 and 13 are numeric.

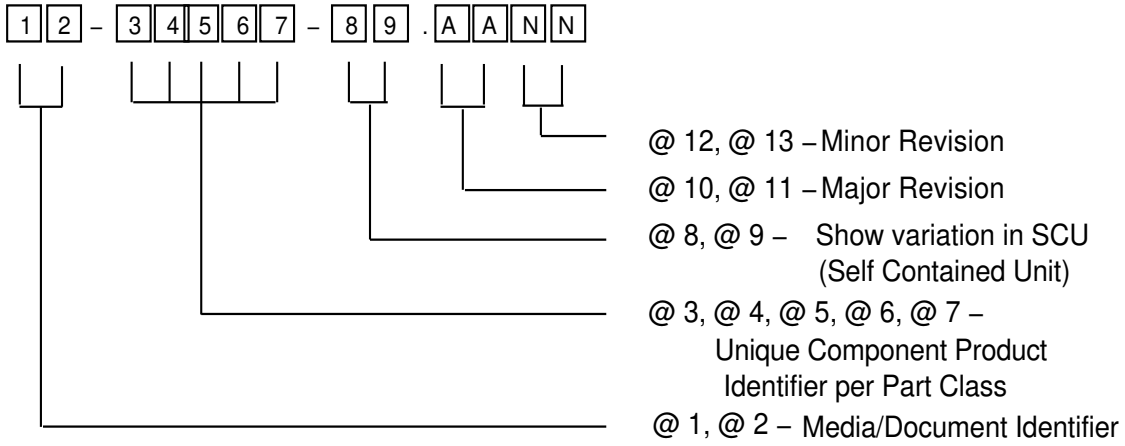
For the 2-5-2 format, character positions are assigned as follows.


1 2 – 3 4 5 6 7 – 8 9
@ 9 – CPU Identifier/Update or Patch Number
@ 8 – License Identifier
@ 7 – Revision
@ 3, @ 4, @ 5, @ 6 –
Unique Component Identifier
@ 1, @ 2 –
Media/Document Identifier

NOTE

When possible, @ 7, @ 8 and @ 9 will comply with DEC STD 012-0.

For the 2-5-2.4 format, character positions are assigned as follows.


1 2 – 3 4 5 6 7 – 8 9 . A A N N
@ 12, @ 13 – Minor Revision
@ 10, @ 11 – Major Revision
@ 8, @ 9 – Show variation in SCU
(Self Contained Unit)
@ 3, @ 4, @ 5, @ 6, @ 7 –
Unique Component Product
Identifier per Part Class
@ 1, @ 2 – Media/Document Identifier

NOTE

Until business systems can carry this information in data fields outside of the part identifier, @ 8 and @ 9, when necessary, will contain restriction, media variant, and media type information as they do in the 2-5-2 format.

NOTE

No blank spaces are allowed within the 2-5-2 part number coding for either part format.

22.1 MEDIA/DOCUMENT IDENTIFIER - @ 1, @ 2

Media Identifier	Description	
AA*	Software Manuals and Software Handbooks	
AB	(unassigned)	Previously System Listings
AC	Diagnostic Listings and Diagnostic Documents	
AD	Updates to Software Manuals (Addendums)	
AE***	SPDs (Software Product Descriptions), SSAs (Software Support Addendums)	
AF	DECOs/DEPOs (Diagnostic Engineering Change Orders and Patch Orders)	
AG***	Compact Disk (CDROM)	
AH	Microfiche	
AI	Component Assembly, Limited Use	
AJ	(unassigned)	Previously RP04 Disk Packs
AK***	3.5 inch diskette (3.5 DK) (RX23/RX24)	
AL	DECtapes and LINCtapes	
AM***	RK06 Disk Cartridges	
AN	RK05 Disk Cartridges (Inactive)	
AO	Cassette Tape	
AP***	800 BPI 9-Track Magtapes (7-Track Retired)	
AQ***	TK50 Cartridge (Maya)	
AR	(unassigned)	Previously Cassettes (TU60K)
AS***	RX01 Diskettes (8 inch single density)	
AT	(unassigned)	Previously Card Decks
AU	TK25 Cassette (Inactive)	
AV**	Miscellaneous	
AW	RP06 Disk Packs (Inactive)	
AX***	RL01K Disk Cartridges	
AY***	RK07K Disk Cartridges	
AZ	Hardware Documentation (Inactive)	
BA***	RX02 Dual Floppy Diskette (8 inch double density)	
BB***	1600 BPI 9-track Magtape (16MT9)	
BC***	RL02K Disk Cartridge	
BD***	RA60 Disk	
BE***	TU58 Cassette	
BF	(unassigned)	Previously TU59 Cassette
BG	Software/Firmware Hardware Modules	Previously Firmware

BH	SPDs (Software Product Descriptions) (7 x 9 inch, A5) (Inactive)	
BI***	5.25 inch diskette (SD, Single Density, Double Sided) (RX31)	
BJ	(unassigned)	Previously RX18 Diskette (5.25 inch single density)
BK	RC25 Disk (Inactive)	
BL***	5.25 inch diskette (SS, Single Density, Single Sided) (RX50)	
BM***	6250 MT9 (6250 BPI 9-track magtape)	
BN***	5.25 inch diskette (DD, Double Density, Double Sided) (RX33)	
BO	(unassigned)	
BP	Customized Component Assembly (Refer to subhead 22.6 for additional information)	
BQ	(unassigned)	

* Manuals including release notes, manager's guides, reference and/or pocket guides, operator's guides, installation procedures. (Note that the words guide and manual are often used interchangeably.)

** Divider sets, cover inserts, spine sets, labels, letters, reference cards, registration cards, and license certificates.

*** Migration of these components to the 2-5-2.4 began in Q4 FY91. Other component part classes will migrate to the 2-5-2.4 format at a later date. Some component part classes (AO, BG, and BP) were introduced with the 2-5-2.4 format.

NOTE

BR, BS, BT, BU, BV, BW, BX, BY, and BZ are used in conjunction with option number assignment. Refer to subhead 21.1.

NOTE

BX buyouts at component level (distribution only) conform to the following subheads.

22.2 UNIQUE IDENTIFIER - @ 3, @ 4, @ 5, @ 6 for 2-5-2 COMPONENTS; - @ 3, @ 4, @ 5, @ 6, @ 7 FOR 2-5-2.4 COMPONENTS

The unique identifier characters for components are alphanumeric codes assigned by the Software Configuration Control Group.

For components using the 2-5-2 format, each item will have its own unique identifier, except for:

DECOs (Diagnostic Engineering Change Orders)
DEPOs (Diagnostic Engineering Patch Orders)
Updates to software manuals
Documentation assemblies
Patch level of diagnostic or system software programs that use the same identifier as the base documentation

Refer to Appendix C for examples.

For components using the 2-5-2.4 format, each product will have its own unique identifier per media type per part class. Until systems can carry media type information in a data field, component part classes that represent more than one media type, when necessary, may require more than one unique identifier per product on the same media type within the part class.

22.3 REVISION IDENTIFIER - @ 7 FOR 2-5-2 COMPONENTS; - @ 10, @ 11, @ 12, @ 13 FOR 2-5-2.4 COMPONENTS

For components using the 2-5-2 format, the revision identifier is a single alphabetic character following the unique identifier. The revision of the component part is changed each time a change (functional or nonfunctional) is made to that part. When the complete alphabetic series is used, the unique identifier will be changed.

For components using the 2-5-2.4 format, the part revision consists of two alphabetic characters (@ 10 and @ 11) and two numeric characters (@ 12 and @ 13). Part revision is assigned beginning with . A01 (Note the space between the decimal and the alphabetic character) and is incremented to .ZZ99. The alphabetic characters are changed to denote major (functional) revisions to the component. The numeric characters are changed to denote minor (nonfunctional) revisions to the component. When all revision characters have been assigned, the part variation (@ 8 and @ 9) will be changed. Revision is in conformance with DEC STD 012-0 for these parts.

22.4 REFERENCES FOR @ 8

This position is defined differently for the 2-5-2 and 2-5-2.4 formats. For components in the 2-5-2 format, @ 8 is defined as a license identifier. Refer to subhead 22.4.1 for more details on this usage.

For components in the 2-5-2.4 format, @ 8 and @ 9 together represent product variation per media type. Refer to subhead 22.4.3 for more details on this usage.

NOTE

Until systems can carry restriction and media variant information in data fields, @ 8 will carry this information when necessary. For a component that is not restricted, and that does not belong to a multiple media type part class (such as AK and AO), @ 8 and @ 9 together represent the product variation. For a nonrestricted component that belongs to a multiple media type part class, @ 8 will represent product variation while @ 9 will carry media type information.

When a component for a single media type part class is restricted, @ 8 will be either A, R, X, or Y to show the restriction (see subhead 22.4.2). When a component of a multiple media type part class is restricted, @ 8 = E to show restricted media variant (see subhead 22.4.2).

22.4.1 License Identifier - @ 8 for 2-5-2 Components

The license identifier is a single alphabetic character that indicates whether the software is operating system or other non-diagnostic, diagnostic, restricted or nonrestricted and whether a binary license, a source license, or no license is required. The media variant codes point to the appropriate @ 9 chart, per media type, for the alternate definition. The license identifiers are:

License Identifier	Description
A	Diagnostic Software "In House" Only (@ 9 - Refer to subhead 22.5.1, CPU Identifier.)
B	Operating System or Other Non-diagnostic Software Binary License Required (@ 9 - Refer to subhead 22.5.1, CPU Identifier.)
C	Media Variant (For part class AK @ 9 - Refer to subhead 22.5.2, Media Variants.)
D	Diagnostic Software License Required (@ 9 - Refer to subhead 22.5.1, CPU Identifier.)
E	Restricted Media Variant (For part class AK @ 9 - Refer to subhead 22.5.2).
F - H	(unassigned)
I	(illegal)
J - L	(unassigned)
M	Diagnostic Software No License Required (@ 9 - Refer to subhead 22.5.1, CPU Identifier.)
N	Diagnostic Software, Source Not Available (including "In House" diagnostics) (@ 9 - Refer to subhead 22.5.1, CPU Identifier.)
O	(illegal)
P - Q	(unassigned)
R	Operating System or Other Non-diagnostic Software Restricted Distribution (@ 9 - Refer to subhead 22.5.1, CPU Identifier.)
S	Operating System or Other Non-diagnostic Software Source License Required (@ 9 - Refer to subhead 22.5.1, CPU Identifier.)

T	Unrestricted Distribution No License Required (including manuals, and so forth) (@ 9 - Refer to subhead 22.5.1, CPU Identifier.)
U	Diagnostic ROM Code "In House" Only (@ 9 - Refer to subhead 22.5.1, CPU Identifier.)
V - W	(unassigned)
X	Restricted Distribution (components cannot be ordered nor shipped standalone) (@ 9 - Refer to subhead 22.5.1, CPU Identifier.)
Y	Diagnostic Software Restricted Distribution (@ 9 - Refer to subhead 22.5.1, CPU Identifier.)
Z	(unassigned)
0 - 1	(illegal)
2 - 9	(unassigned)

22.4.2 License Identifier - @ 8 for 2-5-2.4 Components (Interim Solution)

The @ 8 license identifier for 2-5-2.4 components denotes restriction. This chart will be implemented for 2-5-2.4 components until such time as restriction information can be carried on systems in data fields. The media variant codes point to the appropriate @ 9 chart, per media type, for the alternate definition. The license identifiers are:

License Identifier	Description
A	Diagnostic Software "In House" Only (@ 9 - Refer to subhead 22.5.3.)
B - D	(unassigned)
E	Restricted Media Variant (For part classes AG, AK, AO, BG @ 9 - Refer to subhead 22.5.2.)
F - H	(unassigned)
I	(illegal)
J - N	(unassigned)
O	(illegal)
P - Q	(unassigned)
R	Operating System or Other Non-diagnostic Software Restricted Distribution (@ 9 - Refer to subhead 22.5.3.)
S - W	(unassigned)
X	Restricted Distribution (components cannot be ordered nor shipped standalone) (@ 9 - Refer to subhead 22.5.3)
Y	Diagnostic Software Restricted Distribution (@ 9 - Refer to subhead 22.5.3.)
Z	(unassigned)
0 - 1	(illegal)
2 - 9	(unassigned)

22.4.3 Part Variation Usage - @ 8, @ 9 for 2-5-2.4 Components

Part Variation (@ 8 and @ 9) for components in the 2-5-2.4 format is used to denote variation, per media type, within the product. For example, if ABC V1.0 consists of two TK50s, the first TK50 would be assigned the part variation 01, and the second would be assigned 02 (@ 8 and @ 9 positions).

For example: Product ABC V1.0 consisting of two TK50 media:

First TK50: AQ-xxxxx-01.aann
Second TK50: AQ-xxxxx-02.aann

22.5 REFERENCES FOR @ 9

This position is defined differently for the 2-5-2 and the 2-5-2.4 formats. For components in the 2-5-2 format, @ 9 is defined as a CPU identifier. Refer to subhead 22.5.1 for more details on this usage.

For components in the 2-5-2.4 format, @ 8 and @ 9 together denote product variation per media type. Refer to subhead 22.4.3 for more details on this usage.

NOTE

Until systems can carry media type information in data fields for those media component part classes representing more than one media type, @ 9 will carry this information when necessary. For components of a single media type part class (such as AQ), @ 9 is assigned 1 and is incremented to show product variation. For components of a multiple media type part class (such as AK), @ 9 reflects the media type information (see subhead 22.5.2.

22.5.1 CPU Identifier - @ 9 for 2-5-2 Components

The CPU identifier is a one position designator used to indicate the central processor unit on which the software is used. In the case of DECOs, DEPOs, and updates to system manuals and diagnostic or system software programs, the patch level or update level number replaces the CPU Identifier. (Refer to the examples in Appendix C). Letter designations are used for Central Processor Unit identification. Number designations are used for patch level or update numbers.

Identifier	Description
A	PDP-8 (Inactive)
B	DECsystem 10 Non-diagnostic Software
C	PDP–11
D	DECsystem 10 DECsystem 20 Diagnostic
E	VAX Family
F	PDP-16 (Retired)
G	(unassigned)
H	Microprocessor Series (Professional 300 series), and VAXmate
I	(illegal)
J	PDP-9/15/XVM (Retired)
K	Cross Product Line
L	TPL (Traditional Product Line) (Retired)
M	DECsystem 20 Non-diagnostic Software
N	MicroVAX (Inactive)
O	(illegal)
P	PDP-12 (Retired)
Q	Software Not Manufactured by Digital
R	(unassigned)
S	(unassigned)
T	(unassigned)
U	(unassigned)
V	PC 100, 200s (Rainbow, DECmate II, Robin) (Inactive)

W	(unassigned)
X	(unassigned)
Y	Micro PDP–11
Z	(unassigned)
0	DECO (Retired)
1-9	Patch Level of DEPOs, Diagnostic or System Software Programs and Update Number to System Manuals

22.5.2 Media Variants for Part Classes AG, AK, AO, BG - @ 9 for 2-5-2 Components and Interim 2-5-2.4 Components

NOTE

To determine which codes are assigned to which media type, and for updated copies of this table, contact Diana Taheri (WMOIS::TAHERI).

22.5.3 @ 9 for 2-5-2.4 Components

Refer to subhead 22.4.3 for definition of @ 9 position for those components using the 2-5-2.4 format.

22.6 BP- PART CLASS

@ 1 - @ 2 = BP

@ 3 - @ 7 = ASSIGNED NUMBER, NO INTELLIGENCE. Note in particular @ 7 is not a variable as with some options and components and is not a version as with some components. A difference in any part basic character identifies a different package.

@ 8 - @ 9 - VARIATION FIELD (Refer to DEC STD 012-0) Variations of these characters indicate a variation of the package indicated by the part basic. Thus BP-xxxxx-01 and BP-xxxxx-02 are variations of the same package. Note that revision is in conformance with DEC STD 012-0 for these parts.

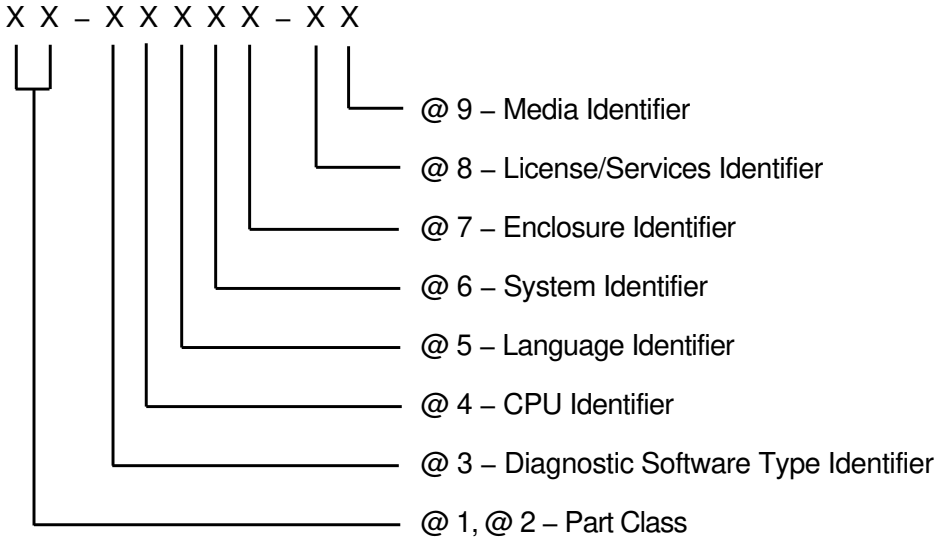
23 HISTORICAL SOFTWARE NUMBERING CONVENTIONS (PER DEC STD 012-4, REVISION E) SOFTWARE MANUFACTURING PART IDENTIFIER STRUCTURE FOR DIAGNOSTIC/HARDWARE INFORMATION KIT OPTIONS

Diagnostic/hardware information option numbers maintain the same 2-5-2 (XX-XXXXX-XX) format as software/diagnostic option numbers.

The first character in the part basic (xx-Xxxxx-xx) is Z for diagnostic/hardware information kit software. The second character indicates the CPU on which the diagnostics are used. The third character identifies the language. The fourth character represents the system identifier, and the fifth represents an enclosure identifier.

The first character of the part variation (xx-xxxxx-Xx) indicates the type of license and support service that the option carries. The second character (xx-xxxxx-xX) identifies the distribution media.

Character positions are assigned as follows:


X X – X X X X X – X X
@ 9 – Media Identifier
@ 8 – License/Services Identifier
@ 7 – Enclosure Identifier
@ 6 – System Identifier
@ 5 – Language Identifier
@ 4 – CPU Identifier
@ 3 – Diagnostic Software Type Identifier
@ 1, @ 2 – Part Class

23.1 PART CLASS IDENTIFIER - @ 1, @ 2

Diagnostic/Hardware Information options currently use a space-space part class, (-XXXXX-XX). The following part class codes are either inactive or retired.

Part Class	Description
BS	European Unpackaged Diagnostic kit (Retired)
BT	U.S. Unpackaged Diagnostic kit (Inactive)
BU	Cumulative kit (Retired)
BY	Internal Automatic Distribution kit (Refer to subhead 21.4 and subhead 21.5) (Inactive)
BZ	Product specific packaging (Internal Use Only) (Inactive)

23.2 DIAGNOSTIC TYPE IDENTIFIER - @ 3

When the space-space part class is used, this character indicates the software is diagnostic/hardware information kit (Z).

23.3 CPU IDENTIFIER (OR PRODUCT GROUPING) - @ 4

CPU Identifier	Description
0-1	(illegal)
2-3	(unassigned)
4	VAXstation II
5	VAX 8200
6-9	(unassigned)
A-H	(unassigned)
I	(illegal)
J-M	(unassigned)
N	MicroVAX I
O	(illegal)
P	(unassigned)
Q	Workstation/VAXstation I
R-X	(unassigned)
Y	Microprocessor/11
Z	(unassigned)

23.4 LANGUAGE IDENTIFIER - @ 5

The third position indicates the Hardware Manufacturing Country Code/Language Identifier.

Language Identifier	Description
A	USA/English
B	Belgium/Flemish
C	Canada/French

D	Denmark/Danish
E	UK and Ireland/English
F	Finland/Suomi
G	Germany and Austria/German
H	Holland/Dutch
I	Italy/Italian
J	Japan/Katakana
K	Switzerland/French
L	Switzerland/German
M	Sweden/Swedish
N	Norway/Norwegian
O	(illegal)
P	France/French
Q	Canada/English
R	South America/Spanish
S	Spain/Spanish
T	Israel/Hebrew
U	South America /Portuguese
V	Portugal/Portuguese
W	Switzerland/Italian
X	Reserved
Y	Japan/Hiragana
Z	Australia and New Zealand/English
0-1	(illegal)
2-9	(unassigned)

23.5 SYSTEM IDENTIFIER - @ 6

The fourth position of the part basic indicates the hardware system identifier.

System Identifier	Description
0	ULTRIX
1	Printstation
2	VAXmate
3	Loopback Connector
4	VAXstation II/GPX
5	CD Reader (CDROM)
6-9	Reserved
A	Hardware Kit (All)
B	Maintenance (All)
C	VAX 8200
D	PDP–11 XXDP
E	MicroVAX 3000
F	BA2nn

G	MicroVAX (VAXstar/MicroVAX 3100)
H	Industrial
I	(illegal)
J-N	(unassigned)
O	(illegal)
P-Q	(unassigned)
R	Micro RX (RX VAX 1000)
S-Z	(unassigned)

23.6 ENCLOSURE IDENTIFIER - @ 7

The fifth position of the part basic indicates the enclosure identifier.

Enclosure Identifier	Description
A	BA23, MicroVAX
B	BA123 World Box
C	CVXII
D	VAX 8800
E	Cabinet
G	MicroVAX
H	Industrial
I	BA213, H9642
J-N	Reserved
O	(illegal)
P	BA215
Q-R	Reserved
S	BA213
T	BA214
U-W	Reserved
X	Multi-enclosure
Y-Z	Reserved
0-1	(illegal)
2-9	(unassigned)

23.7 LICENSE/SERVICES IDENTIFIER - @ 8

The License/Services Identifier for diagnostic/hardware information software is the same as for system/diagnostic software. Refer to subhead 21.1.7.

23.8 MEDIA IDENTIFIER - @ 9

The Media Identifier for diagnostic/hardware information software is the same as for system/diagnostic software. Refer to subhead 21.1.8.

24 SYSTEM AND DIAGNOSTIC SOFTWARE DESCRIPTIONS

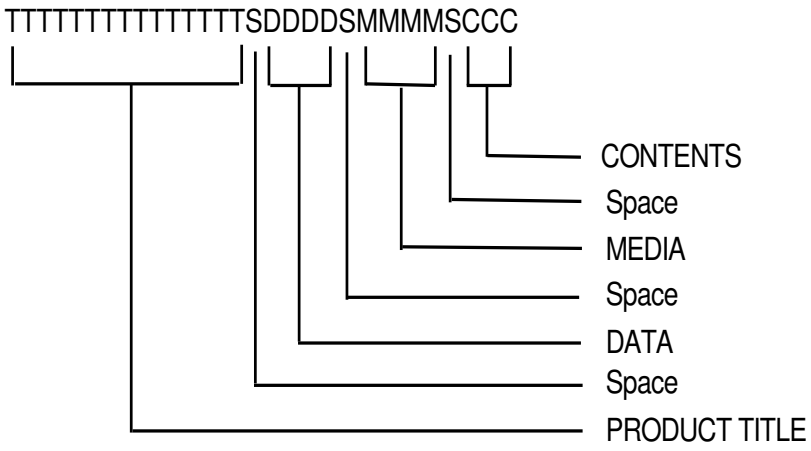
For software there are two common descriptions; the short and the long. The long description consists of 20 lines of 29 characters each, and may include information such as SPD number, type of license, bill of materials, and the like. The short description is limited to 29 characters and is the common description for software carried by corporate systems.

NOTE

Due to the changing business environment for software, this section should be used as a general guideline for kit descriptions. For the latest information, contact Gloria Jalbert at WMOIS::JALBERT_G.

24.1 FORMAT FOR SYSTEM AND DIAGNOSTIC SOFTWARE DESCRIPTION

The short description (29 character field that is assigned to the software part number) uses the following format.



Refer to subhead 24.2 for the main (primary) documentation kit.

24.1.1 PRODUCT TITLES - Format/Abbreviations

See the figure in subhead 24.1. This subhead refers to the value "T".

A Product Title is placed in the first 15 characters of the Short Description Field. It is assigned in conjunction with the UPIL assignment, and is to be used consistently across part classes.

The format for the Product Title is:

Short Name/Language Identifier/Platform
Example: XYZdata-fr U/R

For products that are to be offered in American English only, there will be no language identifier; products with translation plans will have a language identifier, including American English.

Refer to subhead 24.4 for standard abbreviations; subhead 24.5 for language abbreviations.

24.1.2 S (Space)

One space is required between each field. In the figure in subhead 24.1, this is shown as "S".

24.1.3 DATA - Format/Abbreviations

See the figure in subhead 24.1. This subhead refers to the value "D".

This 4 character field consists of information regarding kit variations. Kit variations correspond to the 7th position of the part number. Typically, the @ 7 field is "A"; meaning there is only one variation of a kit for that UPIL.

Example: A terminal server is assigned one UPIL, for one license to be used across various load hosts. The kit variation field is used to indicate kits for particular load hosts, so the DATA field may contain such abbreviations as "V/V", "U/V", or "U/R".

When the @ 7 = A, this field is used by manufacturing for Version identification. This usage is for manufacturing systems, so that version information will be available on BOMS for customers. The price file and OML do not carry this information. Since the description version field is 4 positions, some version information may have to be abbreviated.

NOTE

When there are kit variations (@ 7 = non-A) the Version information for manufacturing (not price files) will be contained in the MEDIA field.

Refer to subhead 24.6 for examples.

24.1.4 MEDIA - Format/Abbreviations

See the figure in subhead 24.1. This subhead refers to the value "M".

This 4 character field represents the media types. It corresponds to the @ 9 position of the part number.

@ 9 Code	Abbreviation	Description
3	RX50	RX50
5	TK50	TK50 Cartridge
7	RX33	RX33
8	CD	3.5 in CDROM
	LASR	12 in Laser CD
A	6250	6250 BPI 9-Track Magtape
B	RX24	RX24
C	RX23	RX23
D	NRZI	800 BPI 9-Track Magtape
G	TU58	TU58 Cartridge
H	RL02	RL02
I	RX31	RX31
J	RA60	RA60
M	MT	1600 BPI 9-Track Magtape
P	CT	Traditional Cassette Tape
	DAT	DAT tape
	QIC	QIC tape
	VT	Videotape
R	MCRF	Microfiche
S	PCRM	PC ROM Card
	RD54	RD54
V	RK07	RK07
W	MM	Multimedia
Y	RX01	RX01
Z	Doc	PAPER

NOTE

As stated in the DATA description, when necessary, this MEDIA field will be the indicated Version instead of media for manufacturing BOMs, but not on Price Files.

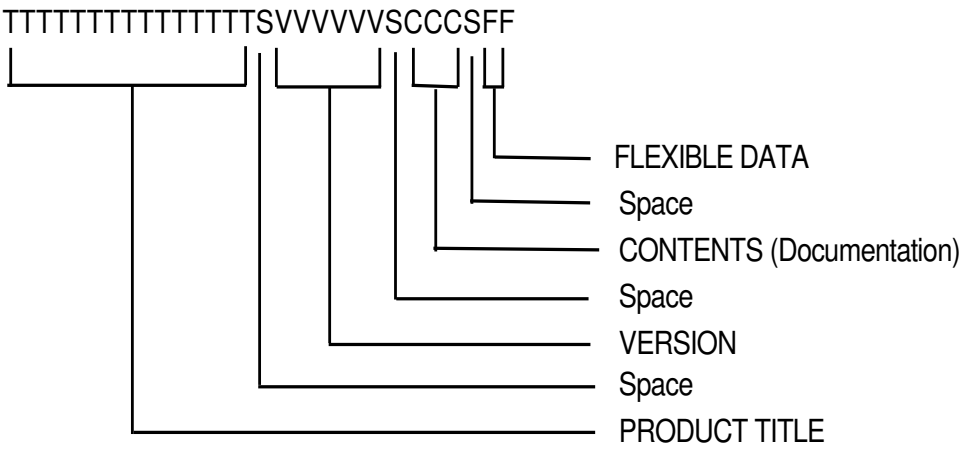
24.1.5 CONTENTS - Format/Abbreviations

See the figure in heading 24.1. This subhead refers to the value "C".

This 3 character field represents the media or kit contents. It corresponds to the @ 8 position of the part number.

@ 8 Code	Abbreviation	Description
A	Bin	Binaries Kit
B	Mfg	Manufacturinfg Subassembly
C	Src	Source Kit
D	Srl	Source Listing Kit
H	Kit	Media and documentation
K	BUP	Binary Update
L	SRU	Source/Listing Update
P	Dpt	Dispatch Kit
T	Sup	Supplementary Kit
U	Upg	Upgrade Kit
W	Upd	Update Kit

24.2 FORMAT FOR MAIN (PRIMARY) DOCUMENTATION KIT



PRODUCT TITLE - Same as described for media

VERSION - Version of product (Example: V3.5, V5.4-1)

CONTENTS - Doc (default)

FLEXIBLE DATA - These two spaces can be used anywhere needed outside the 15 Character Title field. It can be used to expand the version, or for information such as "CD". The default media type for documentation is paper, and is not reflected in the short description.

24.2.1 Format for Sub Documentation Kits

Sub Documentation Kits will use the same format as the main documentation kit with the exception of PRODUCT TITLE. The PRODUCT TITLE used in the first 15 spaces for Sub Documentation kits can be unique to the documentation kit and does not have to be the same as the Product Description of the Licenses, H-kits, and Main Documentation kit.

A Sub Documentation kit is a "QA" kit that is a component of the main documentation kit. In most cases, only the operating systems have Sub kits. Part numbers for these kits use the same UPI, but increment the variation field (@ 7).

24.3 FORMAT RULES ASSOCIATED WITH SHORT DESCRIPTIONS OF SOFTWARE PRODUCTS

If a portion of the short description *does not* take the allotted number of spaces, the extra spaces are dropped, not left blank.

Example: Correct

```
                  1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9

F o r t r a n   V / V  T K 5 0   K i t
F o r t r a n   V / V  5 . 1 - 1   D o c
```

Example: Not correct

```
                  1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9

F o r t r a n   V / V       T K 5 0   K i t
F o r t r a n   V / V       V 5 . 1       D o c
```

24.4 ABBREVIATIONS CHART

PLATFORMS		Operating System/Hardware
VMS/VAX	=	V/V
ULTRIX/VAX	=	U/V
OSF/1/MIPS	=	O/R
OpenVMS/Alpha	=	V/A
OSF/Alpha	=	O/A
VAX System V	=	VSV
SCO UNIX	=	SCO
ULTRIX/RISC	=	U/R
ULTRIX	=	ULT
MS-DOS	=	DOS
MS-WINDOWS	=	WIN
Apple MAC OS	=	MAC
OS/2	=	OS2
SUN OS	=	SUN
Hewlett Packard	=	HP
Cross-platform or Platform Neutral	=	CP
IBM: Multiple Virtual System	=	MVS
IBM: Virtual Memory	=	VM

Commonly Used Abbreviations

```
- or / = FOR or ON

Additional       = ADD'L                 Advance          = ADV
Advance Command  = AC                    Applications     = APP
Assistance       = ASST
Backup           = BU                    Bridge           = BRG
Browser          = BWR or BWSR
Center           = CTR                   Checker          = CHKR
Client           = CL                    ClusterWide      = CW or CLW
Concurrent       = CONC                  Conference       = CNF or CONF
Connect(ion)     = CON                   Control          = CTL
Conversion(ter)  = CNV                   Console          = CS
Desktop          = DT                    Develop(ment)    = DV or DEV
Device           = DVC                   Device (Driver)  = DR
Documentation    = DOC

Education        = EDU                   Encyclopedia     = ENCY
End Node         = EN                    Expert           = EX

For              = -                     Full Function    = FF

Gateway          = GWY                   Generator        = GEN
Global File Server = GFS                 Graphics         = GRP

High Performance = HPO
```

```
Illustration      = ILL                  Input             = INPT
Integration       = ING                  Interactive       = INT
Interface         = INF                  Integration       = ING

Level             = LVL                  Library           = LIB
License           = LIC

Mail              = MAI                  Manual            = MAN or MNL
Manufacturing     = Mfg                  MicroVAX          = MV
Migration         = MIGT or MIG          Model             = MDL
Module            = MOD                  Monitor           = MON

On                = -                    On-line Doc        = OLD
Operator          = OPR

Package           = PKG                  Packs             = PK
Perfect           = PERF                 Personal          = PER or PERS
Plan              = PLN                  Portable          = PTBL
PowerPoint        = PWRPT                Processor         = PROC
Product Authorization Key = PAK             Production        = PROD
Professional      = PRO                  Program           = PRG

Remote            = REM                  Router            = RTR
Run               = RN                   Runtime           = RT

Schedule          = SCH                  Server            = SVR or SV
Service           = SVC                  Small Server Management = SSM
Standalone        = SA                   Standard          = STD

Toolkit           = TK                   Traditional       = TRD or TRAD

Uniplex           = UNPLX                Unlimited         = UNL
Update            = UPD                  Upgrade           = UPG
User              = USR                  Utility           = UTIL
Utility & Command = U&C                  Utility VMS Feature = UVF

VAXcluster System Management = VXCSM

Windows           = WD                   Word              = WRD
Workstation       = WS
```

24.5 LANGUAGE ABBREVIATIONS

NOTE

Codes are assigned as listed in the ISO 639 *Code for the Representation of Names of Languages*, Standard Language Code table. Codes should always be listed with a dash and lower case letters, for example, -am.

English (North American)	=	am
Flemish (Vlaams)	=	vl
French Canadian (Français canadien)	=	FC (Inactive)
Danish (Dansk)	=	da
English (British English)	=	br
Finnish (Suomi)	=	fn
German (Deutsch)	=	de
Dutch (Nederlands)	=	ne
Japanese (Hihongo)	=	ja
Swiss French (Français-Suisse Romande)	=	sfr
Swiss German (Deutsch-Schweiz)	=	sde
Russian (Russkij)	=	ru
Swedish (Svenska)	=	sv
Norwegian (Nynorsk)	=	no
French (Français)	=	fr
Arabic (’Arabi)	=	ar
Spanish-Latin (Español-Latin)	=	spl
Spanish (Español)	=	es
Hebrew (Iwrith)	=	iw
Italian (Italiano)	=	it
Portuguese (Portugués)	=	pt
Katakana	=	ka
Icelandic (Islenzk)	=	is
Greek (Ellinika)	=	el
Simplified Chinese (Hanzi) [PRC]	=	hz
Slovensky	=	sk
Traditional Chinese (Hanyu) [Taiwan, ROC]	=	hy
Korean (Hangul)	=	ko
Thai (Thailand)	=	th
Turkish (Türkçe)	=	tr
Hungarian (Magyar)	=	hu
Czech (Cesky)	=	cs
Multilingual (two or more languages grouped together)	=	ML
Language Neutral (no associated language)	=	LN

NOTE

For country codes, refer to subhead 10.1.

24.6 EXAMPLES OF SHORT DESCRIPTIONS

Part Number	Description on Mfg BOMs	Description on DSPS/Invoice
QA-100AA-H5	Fortran V/V V5.2 TK50 Kit	Fortran V/V TK50 Kit
QA-100AA-B5	Fortran V/V V5.2 TK50 Mfg	
QA-100AA-GZ	Fortran V/V V5.2A Doc	Fortran V/V V5.2A Doc
QA-100AA-G8	Fortran V/V V5.2A Doc CD	Fortran V/V V5.2A Doc CD
QA-100AB-GZ	Fortran Dev V5.2A Doc	Fortran Dev V5.2A Doc
Language Variants:		
QA-XYZAA-H5	WYSIWYG-am U/R V1.0 TK50 Kit	WYSIWYG-am U/R TK50 Kit
QA-XYZEA-H5	WYSIWYG-br U/R V1.0 TK50 Kit	WYSIWYG-br U/R TK50 Kit
QA-XYZPA-H5	WYSIWYG-fr U/R V1.0 TK50 Kit	WYSIWYG-fr U/R TK50 Kit
Product Variants:	1 License/3 kits	
QL-XXXA9-AA	MUX Terminl Svr Lic Unl	
QA-XXXAA-H5	MUX Terminl Svr V/V V1.0 Kit	MUX Terminl Svr V/V TK50 Kit
QA-XXXAB-H5	MUX Terminl Svr U/V V1.0 Kit	MUX Terminl Svr U/V TK50 Kit
QA-XXXAC-H5	MUX Terminl Svr U/R V1.0 Kit	MUX Terminl Svr U/R TK50 Kit

APPENDIX A TABLE UPDATE PROCESS

This appendix describes how to add, delete or change valid entries to the tables in DEC STD 012-4.

The responsibility of the initiator is to recommend additions, deletions, or changes to the valid entries and submit them to the DEC STD 012-4 Advisory Committee Chairperson. The Chairperson shall distribute the request to the members of the Advisory Committee.

The Advisory Committee shall review the request and make an approval or disapproval recommendation to the Chairperson within two weeks.

The Advisory Committee Chairperson shall arrange a meeting to reach resolution if any Advisory Committee member disapproves the recommended change.

Once the change is approved, a message is generated by the Chief Engineer's Office and appended to the document describing the change/update, then the entire message is distributed to the Advisory Committee.

Each Advisory Committee member is responsible for distributing the approval message and for communicating the change to the various organizations they represent that require the information. Please note: It is important that the message distributed by the Committee members contain the formal approval notice to alleviate any possibility of confusion as to what has and/or has not been approved.

The Chief Engineer's Office (June Davenport - DEC STD 012-4 Advisory Committee Chairperson) shall retain the current set of approved addendums for reference and distribution. To request a set of these addendums, send a message to IPOVAX::JDAVENPORT.

These changes do not constitute a formal revision to the standard. A new revision of the standard shall be published a minimum of once a year to reflect the updated table information.

The following is a list of the Common Tables (used by more than one Part Class) and the Part Class Specific Tables within the standard, and indicates the organizations on the Advisory Committee that can initiate a change.

COMMON TABLES:

TABLE	SUBHEAD	INITIATOR
QA- Language Table 1	subhead 4.1.1	SSB CC and CEO
QA- Language Table 2	subhead 4.1.2	SSB CC and CEO
QA- Media Contents Field	subhead 4.2	SSB CC, Corporate Business Practices Group, and Software Pricing Operations Group
QA- Physical Media Type	subhead 4.3	SSB CC and SPS
QL- Number of Users per License	subhead 7.5	Corporate Business Practices Group and Software Pricing Operations Group
QL- License Rating Table	subhead 7.6	Corporate Business Practices Group and Software Pricing Operations Group
QL- License Duration Table	subhead 7.7	Corporate Business Practices Group and Software Pricing Operations Group
QY- Diagnostic Physical Media Type	subhead 17.2	SSB CC and DAS

PART CLASS SPECIFIC TABLES:

QB- Package Type	subhead 5.1	SSB CC, Corporate Business Practices Group, Software Pricing Operations Group, and SPS
QL- License Type	subhead 7.3	Corporate Business Practices Group and Software Pricing Operations Group
QL- Standalone/Member	subhead 7.4	Corporate Business Practices Group and Software Pricing Operations Group
QM- License Type	subhead 8.1	Corporate Business Practices Group and Software Pricing Operations Group
QQ- Country Code	subhead 10.1	SSB CC
QS- Service Type	subhead 12.1	P&C
QT- Service Offering	subhead 13.1	SPS
QT- CPU Family	subhead 13.2	SPS
QT- Days Per Year	subhead 13.3	SPS
QT- System and Service Hours	subhead 13.4	SPS
QU- Service Type	subhead 14.1	SPS
QW- CFSP Service Offering	subhead 15.2	P&C
QW- CFSP Physical Media Type	subhead 15.3	P&C
QX- Diagnostic License Type	subhead 16.1	DAS
QX- Diagnostic Standalone/Member	subhead 16.2	DAS
QY- Diagnostic Service Offering	subhead 17.1	DAS
QZ- Diagnostic Media Contents Field	subhead 18.1	SSB CC and DAS
Q2- ASSETS Type	subhead 19.1	APS
Q2- Physical Media Type	subhead 19.2	APS
Q2- Standalone/Member	subhead 19.3	APS
Q3- ASSETS Type	subhead 20.1	APS

BR- Media Contents Field	subhead 21.2.1	SSB CC
BY- Media Contents Field	subhead 21.4.1	SSB CC
BY- Physical Media Type	subhead 21.4.2	SSB CC

NOTE

See subhead 1.3.1 for DEC STD 012-4 Advisory Committee contact persons.

APPENDIX B PROCESS FOR OBTAINING APPROVAL FOR QR- PART BLOCK IDENTIFIERS

A business proposal must be presented to the DEC STD 012-4 Advisory Committee for review and approval. A business proposal should include a business plan and requirements, estimated time of implementation, and the estimated number of part numbers required. Contact June Davenport, Advisory Committee Chairperson, to schedule a presentation.

If no adverse concerns are raised, the Advisory Committee will approve the request and will designate a part block for that specific business request.

The owner of DEC STD 012-4 will publish an addendum indicating that the particular business has been approved to use the designated part block.

The designated part block must be assigned by SSB Configuration Control.

Implementation details will need to be worked in regards to OML and DSPS fields.

APPENDIX C CPU IDENTIFIER EXAMPLES

EXAMPLE I - SPECIFIC REQUIREMENTS FOR UPDATES TO SOFTWARE MANUALS

Updates to software manuals will use part class AD. The unique identifier, revision, and license identifier will be the same as the original manual.

The CPU Identifier will be replaced by an update number. For example:

AA-1234A-TC	Prog Ref Man
AD-1234A-T1	Prog Ref Man Update #1
AD-1234A-T2	Prog Ref Man Update #2

EXAMPLE II - SPECIFIC (PDP-10) REQUIREMENTS FOR PATCH LEVEL OF DIAGNOSTIC OR SOFTWARE PROGRAMS

Patch level of PDP-10 diagnostic or software programs will use the same part class and unique product identifier as the base program. The revision and license identifier will also remain the same. The CPU identifier shall be replaced by a number. For example:

Base Program:	AP-E465K-DD	DDXLKK0 KL10 1080 MB7
Patch Level Program:	AP-E465K-D1	DDXLKK1 KL10 1080 MB7

EXAMPLE III - DIAGNOSTIC PACKAGE IDENTIFIER (PDP–11s)

A diagnostic package identifier will be assigned by Central Diagnostic Release Engineering. It will include the patch level of the program and will tie all components of a diagnostic product together.

The last character in the latest DECO/DEPO component part number and the package identifier in the description will coincide. For example:

Part Number:	Package Identifier:
AF-9711A-M1	CZVSE-A1

In most cases, the package identifier will be used as the file name on all multimedia.

EXAMPLE IV - PDP–11 DECOs/DEPOs

Diagnostic Engineering Change Orders (DECOs) and Diagnostic Engineering Patch Orders (DEPOs) will use part class AF. The unique product identifier, revision, and license identifier will be the same as the program documentation to which it relates. The CPU Identifier will be replaced by the patch level. The "tally" will be carried in the description.

For example:

AC-9711A-MC	CZVSEA1 VSV01 TST LST (original listing)
AF-9711A-M1	CZVSEA1 DEPO Tally 2 (patch)

No more than nine DEPOs may be written against any one revision.

APPENDIX D INTRODUCTION TO THE (REVISION F) REVISED NUMBERING STRUCTURES

In order to respond to the long term business needs for software, licensing, and services, a part class driven numbering structure was developed by Hugh McGinness, Amy Mestancik, Carol Welch, and June Davenport. Objectives and requirements addressed by this new structure were to:

- Establish a nomenclature architecture that would be valid through the current millennium.
- Satisfy general language and country nomenclature issues.
- Allow the use of price tier, rather than CPU identification, as a more accurate and flexible identification mechanism.
- Provide a mechanism for reflecting long term requirements for identifying distribution media.
- Provide a flexible framework that could accommodate future business requirements.
- Provide an architecture that would not run out of numbers.
- Accommodate general licensing and service nomenclature requirements, including local variants.

The approach taken was to:

- Identify the logical information addressed by the existing DEC STD 012-4 and separate them as components by function.
- Remove information from the five-character part basic field of the 2-5-2 number that could be better represented within a part class, freeing space within the five-character part basic field.
- Re-examine the current conventions and nomenclature formats in an effort to avoid the pitfalls of the past.
- Create a superset of the existing Software Manufacturing nomenclature (so as to not invalidate existing part numbers).
- Separate language and country, and provide a mechanism for satisfying country and language ordering and delivery requirements for our products.
- Permit specific codes to be used uniformly across all our products and to be reflected consistently in the same position of the 2-5-2 part number for all software, licensing, and services.

- Recognize that country and not language drives much of the difference between software products due to legal, cultural, and feature requirements, and provide a structure to identify such components as license certificates, warranties, ordering information, and so forth for unique country variations.

  Implementation of this new software numbering system was driven by business necessity. Migration, as needed to this scheme, began 01-Jan-1988.

For the historical software numbering conventions, refer to heading 21 and heading 23.

APPENDIX E EXAMPLES

HYPOTHETICAL BOM

This is an example of a hypothetical BOM using the new structure for hypothetical packaged WYSIWYG Compound Document System with unique product identifier "ABC", to be run on any 32 bit, French-language system to be sold in the United States. The product is structured according to the international product model.

UNIQUE PRODUCT IDENTIFIER = "ABC"
LANGUAGE = FRENCH (CODE "P")
COUNTRY CODE = "US"
PROCESSOR TIER = NEUTRAL (CODE = "9")

PHYSICAL MEDIA TYPE = TK50

```
*QA-ABCPA-H5        ! FRENCH "ABC" KIT ON TK50 WITH DOCUMENTATION
     QA-ABC9A-B5    ! BASE INTERNATIONAL COMPONENT FOR "ABC"
     QA-ABBPA-H5    ! FRENCH LANGUAGE INTERFACE FOR "ABC"
     QA-ABCPA-GZ    ! FRENCH DOCUMENTATION FOR "ABC"
     QQ-ABCPA-99    ! GENERIC CUSTOMER INFORMATION FOR FRENCH "ABC"
*QQ-ABCPA-US        ! U.S. SPECIFIC SERVICE INFORMATION FOR FRENCH "ABC"
*QL-ABCP9-AA        ! FRENCH WYSIWYG BINARY PAID-UP STANDALONE LICENSE
*QT-ABCP9-I9        ! ON SITE INSTALLATION SERVICE FOR FRENCH "ABC"
```

* What you order.

QA- PART CLASS EXAMPLES

Example of the @ 7 variable field for VMS V5.0:

The variable field is used to define the VMS kits with multiple combinations of media. These combinations are required to support the Mandatory Update Patch (MUP) media or the standalone backup media. The variable field is used across all H, K, and W kits. For those kits that require more than one variation of kits, the "A" variable field is not used, but reserved for future use. Two UPIs are assigned to VMS (001 and 09S). The example is for the UPI=001, the extended documentation kit.

QA-001AA-HM	!RESERVED FOR VMS MAG ONLY
QA-001AB-HM	!VMS MAG/TK50 S/A BACKUP (8820,8830,8840)
QA-001AC-HM	!VMS MAG/RX50 S/A BACKUP
QA-001AD-HM	!VMS MAG/RL02 S/A BACKUP
QA-001AE-HM	!VMS MAG/RX01 S/A BACKUP
QA-001AF-HM	!VMS MAG/TU58 S/A BACKUP
QA-001AG-HM	!VMS MAG/TK50 S/A BACKUP (Micros)
QA-001AA-H5	!VMS TK50/TK50 MUP
QA-001AA-H7	!VMS RX33/RX33 MUP
QA-001AA-HH	!VMS RL02/TU58 MUP
QA-001AA-H4	!VMS RC25/TU58 MUP
QA-001AA-HJ	!RESERVED FOR VMS RA60 ONLY
QA-001AB-HJ	!VMS RA60/RX50 MUP
QA-001AC-HJ	!VMS RA60/RX01 MUP
QA-001AD-HJ	!VMS RA60/TU58 MUP
QA-001AA-HV	!RESERVED FOR VMS RK07 ONLY
QA-001AB-HV	!VMS RK07/RX01 MUP
QA-001AC-HV	!VMS RK07/TU58 MUP

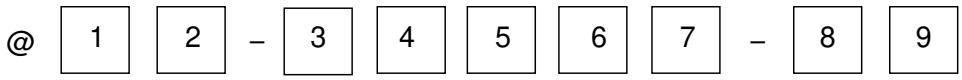
QB- PART CLASS EXAMPLES

The following are hypothetical examples of QB- Part Class model numbers. "ABC", "DEF", "GHI", "JKL", and "KLM" are being used as the hypothetical Unique Product Identifiers. The Decode includes a short description of the QB- package, and in cases where it is helpful, a listing of the model numbers that are contained within it.

HYPOTHETICAL MODEL NUMBER	DECODE
QB-ABCAA-AA	Indicates "ABC" package which includes one or more licenses and one or more kits, such as the following:
QL-DEFA9-AA	Generic,Binary Paid-Up license with warranty for "DEF" product
QL-GHIAC-2B	Personal Use license for "GHI" product (on Ultrix/Risc platform)
QA-DEFAA-H5	Media and Documentation kit for "DEF" product on TK50
QA-GHIAA-H8	Media and Documentation kit for "GHI" product on CD
QB-ABCAA-E5	Location-use source license and sources kit on TK50 media for product "ABC"
QB-ABCAD-EZ	Single-use source and binary license and source listings (on paper)for product "ABC"
QB-KLMAA-WA	Third party license and kit for product "KLM"

QL- PART CLASS EXAMPLES

Below are hypothetical examples of QL- Part Class model numbers. Listed are examples of Traditional License, Loan Traditional System License, Personal Use License, Concurrent Use License, and Software Loan License.



POSITION	CHARACTER	DECODE
Position 1,2	"QL"	Indicates Software License
Position 3, 4, 5	UPI	Indicates the Unique Product Identifier (for example, VAX FORTRAN = "100")
Position 6	*	Indicates the Language Type (for example, "A" = North American English, "B" = Flemish, and so on)
Position 7	*	Indicates additional license information Varies by position @ 8
Position 8	*	Indicates the License Type
Position 9	*	Indicates additional license information Varies by position @ 8

* Character from appropriate table (for example, Processor Tier, Number of Users, or Duration).

In these examples, "ABC" is used as the hypothetical Unique Product Identifier and the language used is always an "A" for North American English. The Decode explains the type of software license along with unique information provided by the model number.

HYPOTHETICAL MODEL NUMBER	DECODE
QL-ABCA3-AA	Binary Paid-Up License with Warranty - Traditional License on a VAX 6220, 6320 OR 6410
QL-ABCA3-63	Binary Paid-Up System License - Traditional License on a VAX 6220
QL-ABCA9-LA	90 Day Software Loan License
QL-ABCAA-2B	Personal Use License - VAX/VMS Platform - One User
QL-ABCAB-3B	Concurrent Use License - For ULTRIX VAX Platform - One User

QP- PART CLASS EXAMPLES

The QP- Part Class is used to simplify the ordering and/or pricing for multiple product licenses. QP- is not a license, but a packaging of existing licenses. The following example is how the part number scheme for a packaging of different products, license types, and different languages would look.

```
QP-XXXAA-01          ! XXX PACKAGE OFFERING
    QL-111AC-2B      ! 111 product Personal Use License
    QL-222PB-AA      ! 222 French product Trad Lic
    QL-333GB-3B      ! 333 German product - Concurrent Use License
```

QT- PART CLASS EXAMPLES

The following examples represent some typical QT- Part Class numbers from the SPS New Portfolio of service offerings.

QT-001AA-E5	Media and Documentation Distribution Service (MDDS) (QT-xxxxx-E*) for the VMS Operating System with an Extended Documentation Kit, (UPI=001) delivered on a primary media type of "5" = TK50 (QT-xxxxx-E5)
QT-001AF-EM	Media and Documentation Distribution Service (MDDS), (QT-xxxxx-E*) for the VMS Operating System with an Extended Documentation Kit, (UPI=001) delivered on a primary media type of "M" = Magtape (QT-xxxxx-EM), with TU58 console/standalone backup media, kit variation "F" (QT-xxxxF-EM)
QT-09SAA-KZ	Documentation Only Update Service (QT-xxxxx-KZ) for the VMS Operating System with a Base Level Kit, (UPI=09S). The documentation update is delivered on paper as denoted by the "Z" (QT-xxxxx-KZ) in the part number.
QT-015A9-LK	Software Support Service (SSS) for Layered Products (QT-xxxxx-L*) for the layered product VAX C (UPI=015). This particular number represents a CPU with a License Rating of "K" = 900, (QT-xxxxx-LK).
QT-001AC-P9	System Management Service (SSMS), (QT-xxxxx-P*) for the VMS Operating System (UPI=001), running on the family of CPUs contained in the Processor Tier "C" (QT-xxxxC-P*).
QT-001AR-R9	Software Update Installation Service (SUIS), (QT-xxxxx-R*) for the VMS Operating System (UPI=001), running on the family of CPUs contained in the Processor Tier "R" (QT-xxxxR-R*). These services are sold with "9" = CPU family neutral (QT-xxxxR-R9).

QZ- PART CLASS EXAMPLES

The following are examples of QZ- Part Class model numbers for documentation kits. Note that for the same Unique Diagnostic Identifier, the @ 7 variable position may be used to indicate different enclosure or model types requiring specific documentation sets.

QZ-K11AA-GZ	VAX 8200/8300 Diagnostic Documentation Kit
QZ-K258A-GZ	VAX 4000-200 BA430 Multilingual Kit
QZ-K258B-GZ	VAX 4000-200 BA215 Multilingual Kit
QZ-K31AA-GZ	DECsystem 5100 Hardware Information Kit
QZ-K31AB-GZ	DECsystem 5100 HW Maintenance Kit

Q2- PART CLASS EXAMPLES

The following is an example of an ASSETS Package that has all the components that could be quoted to a Digital customer using the ASSETS Q2- Part Class. Installation and Orientation are ordered under a QS- part class part number.

Q2-GCAA9-JU	VSAP ClusterWide base license, license rating of 7200
Q2-GCAAA-H5	VSAP Media and Documentation kit on a TK50 cartridge
Q2-GCAA9-LU	VSAP SPS Software Support Service for Capacity License

APPENDIX F REFERENCED DOCUMENTS

F.1 EL-Class Digital Documents

EL-Class Number	Document Title
EL-00012-00	*DEC STD 012-0 Part Identification Standard*
EL-00012-02	*DEC STD 012-2 Unified Numbering Code for Part Identifier Class Codes*
EL-00065-00	*DEC STD 065-0 Digital Standard Data Definitions - Policy and Requirements*
EL-00066-02	*DEC STD 066-2 Waivers to Digital Design Standards*
EL-EN468-01	*Identifying and Packaging Country-Specific Information*

Use VTX SMC to order copies of EL-class documents from Standards and Methods Control. Send distribution questions to JOKUR::SMC or call DTN: 234-4423.

F.2 Other Documents

Document Number	Document Title
ISO 3166	*Codes for the Representation of Names of Countries*
ISO 639	*Code for the Representation of Names of Languages*

F.3 Ordering Information

Following are the sources for documents not available from Standards and Methods Control.

- ISO publications are available from the Sales Department,
  American National Standards Institute (ANSI),
  1430 Broadway, New York, NY 10018,
  Telephone (212) 354-3300 x479

```
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